



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
DESA/HWSB/HWSS
2890, Woodbridge Avenue, Edison, NJ 08837

EXECUTIVE NARRATIVE

Case No. : 44546

Site: Superior Barrel and Drum

Number of Samples: 20 (Soil)

Analysis: VOA, BNA, PEST, PCB

SDG No.: BASP8

Laboratory: ALS Laboratory

Sampling dates: 7/22/2014-7/25/2014

Validation SOP: HW-33 (Rev 3), HW-35 (Rev 2), HW-36 (Rev 4), HW-37 (Rev 3)

QAPP: Not available.

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.

Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.

Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:

VOA: Samples BASQ9, BASR2, BASR4 and BBNM3RE have analytes that have been qualified "R" for Internal Standard criteria.

Sample BASQ5 have analytes that have been qualified "R" for Deuterated Monitoring Compounds criteria.

Major Findings:

VOA: Samples BASQ5 and BASQ7 have analytes that have been qualified "J", "J+" or "J-".

BNA: Sample BASQ5 has analytes that have been qualified "J", "J+" or "J-".

PEST: Samples BASP9, BASQ3, BASQ6, BASR0 and BASR4 have analytes that have been qualified "J", "J+" or "J-".

Minor Findings:

VOA: Initial and Continuing Calibration RRFs for 1, 4-Dioxane and 1,4-Dioxane-d8 are below criteria.

COMMENTS: None.

Reviewer Name(s): Raxa J. Shelley

Approver's Signature:

Date: 08/28/14

Name: Russell Arnone

Affiliation: USEPA/R2/HWSB/HWSS



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Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL).	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J-	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	



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DATA ASSESSMENT

ANALYSIS: VOA

The current SOP HW-33/VOA (Revision 3) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for VOA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Toluene-d8 BBNM3

Ethylbenzene, Isopropylbenzene, Styrene, Tetrachloroethene, Toluene, Trichloroethene, m,p-Xylene, o-Xylene

Benzene-d6 BASR4, BBNM3

Benzene

1,2-Dichloropropane-d6 BBNM3

1,2-Dichloropropane, Bromodichloromethane, Cyclohexane, Methylcyclohexane

The following volatile samples have one or more DMC/SMC recovery values less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J-. Non-detected compounds are qualified UJ.

1,1,2,2-Tetrachloroethane-d2 BASQ7

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

Chloroform-d BASQ7



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1,1-Dichloroethane, Bromochloromethane, Bromoform, Chloroform, Dibromochloromethane

The following volatile samples have DMC/SMC recoveries below the expanded lower limit of the criteria window. Detected compounds are qualified J-. Non-detected compounds are qualified R.

1,1,2,2-Tetrachloroethane-d2 BASQ5

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

Chloroform-d BASQ5

1,1-Dichloroethane, Bromochloromethane, Bromoform, Chloroform, Dibromochloromethane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method blank contamination:

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQLs.

Methylene chloride BASP9, BASQ1, BASQ2, BASQ3, BASQ4, BASQ5, BASQ6, BASQ7, BASQ8, BASQ9, BASQ9RE, BASR2, BASR2RE, BASR3, BASR4, BASR4RE, BASR5, BBNM2, BBNM3, BBNM3RE

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Trichloroethene BASP8

Tetrachloroethene BASP8, BASP9, BASQ0, BASQ1, BASQ2, BASQ5, BASR2, BASR3, BASR4, BASR4RE

B) Field or rinse blank contamination:



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The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated rinse blank common contaminant concentration is less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Acetone BASQ5, BASQ6, BASQ7, BASR5, BBNM2, BBNM3, BBNM3RE

The following volatile samples have analyte concentrations reported less than the CRQL. The associated rinse blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Toluene BASP9, BASQ1, BASQ2, BASQ3, BASQ4, BASQ6, BASQ7, BASQ9, BASQ9RE, BASR1, BASR2RE, BASR3, BASR4RE, BBNM2, BBNM3RE

Carbon disulfide BASQ4, BASQ7, BASQ8, BASQ9, BASQ9RE, BBNM3

Chloroform BASR2, BASR4

m,p-Xylene BASQ4, BASQ8, BASR1, BASR3, BASR5, BBNM3, BBNM3RE

C) Trip blank contamination for VOA aqueous samples:

Not applicable.

D) Storage Blank associated with VOA samples only:

The following volatile samples have analyte concentrations reported less than the CRQL. The associated storage blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Styrene BASR0

Trichlorofluoromethane BASP9, BASQ3, BASQ6, BASR4RE

E) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for VOA organic fractions are not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

6. CALIBRATION:



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Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response, and ≥ 0.005 for 1,4-Dioxane in both the initial and opening CCV. For a closing CCV RRF for all Target compounds must ≥ 0.01 and ≥ 0.005 for 1,4-Dioxane. A value < 0.05 , or < 0.01 for the poor performers and < 0.005 for 1,4-Dioxane indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

The following volatile samples are associated with an initial calibration/ CCV with average relative response factors (mean RRFs)/ relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

1,4-Dioxane, 1,4-Dioxane-d8:

BASP8, BASP9, BASQ0, BASQ1, BASQ2, BASQ3, BASQ4, BASQ5, BASQ6, BASQ7, BASQ8, BASQ9, BASQ9RE, BASR0, BASR1, BASR2, BASR2RE, BASR3, BASR4, BASR4RE, BASR5, BBNM2, BBNM3, BBNM3RE, VBLKM1, VBLKS1, VBLKS2, VHBLKM1, VHBLKS1

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be $< 20\%$ for Target compounds, $< 40\%$ for the poor performers, and $< 50\%$ for 1,4-Dioxane. %D must be $< 25\%$ for Target compounds, $< 40\%$ for the poor performers, and $< 50\%$ for 1,4-Dioxane for the opening CCV. For the closing CCV %D must be $< 50\%$ for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgment. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and



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non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated “J+” and all non-detects are qualified “R”.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

The following volatile samples have internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

Chlorobenzene-d5 BBNM3

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromoethane, 1,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-Pentanone, Benzene, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, Styrene, Tetrachloroethene, Toluene, Trichloroethene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, trans-1,3-Dichloropropene

1,4-Dichlorobenzene-d4 BASQ9, BASQ9RE, BASR2, BASR2RE, BASR4, BASR4RE, BBNM3, BBNM3RE

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Bromoform

8. FIELD DUPLICATES:

No problems were found for this criterion.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

1,4-Dioxane, 1,4-Dioxane-d8:

Average relative response factor (mean RRF) is below the Contractual Criteria in the initial Calibration. Continuing response factor (RRF 50.0) is below the contractual criteria in all the opening CCV calibrations.

11. FIELD DOCUMENTATION:

No problems were identified.



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12. OTHER PROBLEMS:

None.

13. DILUTIONS, RE-EXTRactions & REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

ANALYSIS: BNA

The current SOP HW-35/SVOA (Revision 2) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for BNA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following diluted semivolatile samples with dilution factors less than or equal to 5 have deuterated monitoring compound recovery above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Nitrobenzene-d5 BASQ5

2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Acetophenone, Hexachloroethane, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Nitrobenzene

Anthracene-d10 BASR0

Anthracene, Atrazine, Hexachlorobenzene, Phenanthrene

The following diluted semivolatile samples with dilution factors less than or equal to 5 have deuterated monitoring compound recovery below the lower limit of the criteria window. Detected



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compounds are qualified J-. Nondetected compounds are qualified UJ.

2-Chlorophenol-d4 BASQ5

2-Chlorophenol

2-Nitrophenol-d4 BASQ5

2-Nitrophenol, Isophorone

2,4-Dichlorophenol-d3 BASQ5

1,2,4,5-Tetrachlorobenzene, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 4-Chloro-3-methylphenol, Hexachlorobutadiene, Pentachlorophenol

4-Nitrophenol-d4 BASQ5

2,4-Dinitrophenol, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U".

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

The following semivolatile samples have common contaminant concentrations reported less than 5x the CRQL. The associated rinse blank concentration is less than 5x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at CRQLs.

Bis(2-ethylhexyl)phthalate BASR0

C) TICs "R" rejected:

Tentatively Identified Compounds (TICs) for BNA organic fractions are not validated.

5. MASS SPECTROMETER TUNING:



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Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 and <0.01 for compounds exhibiting poor response in both initial and continuing calibrations. A value <0.05 and <0.01 for compounds exhibiting poor response indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, and < 40% for the poor performers. % D must be < 25% and < 40% for poor performers. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgement.

The following analytes in the sample shown were qualified for %RSD and %D:

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and



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non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

8. FIELD DUPLICATES:

No problems were found for this criterion.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

None.

13. DILUTIONS, RE-EXTRactions & REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

ANALYSIS: PESTICIDES

The current SOP HW-36 (Revision 4) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.



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1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

The following pesticide matrix/matrix spike duplicate samples have percent recoveries that are greater than or equal to the lower expanded criteria limit but less than the lower primary criteria limit. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

gamma-BHC (Lindane) BASQ6, BASQ6MS, BASQ6MSD

Endrin BASQ6, BASQ6MS, BASQ6MSD

4. LABORATORY CONTROL RECOVERY (LCS):

LCS data is generated to determine the long-term precision and accuracy of the analytical method. The LCS may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending



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on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method/Instrument blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

No additional qualification due to rinse blank contamination.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

For the PESTICIDE fraction, if %RSD exceeds 20% for all analytes except alpha-BHC and delta-BHC 25%, for the two surrogates and Toxaphene 30%, qualify all associated positive results "J" and non-detects are not qualified. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) The Percent Difference (%D) for each of the SCP and surrogate in the PEM used for CCV must be greater than or equal to -25% and less than or equal to 25.0%. The Percent Difference (%D) between the calibration Factor (CF) for each of the SCP and surrogate in the Calibration Verification Standard (CS3) and the mean calibration factor from the initial calibration must be greater than or equal to -20% and less than or equal to 20.0%. The Percent Difference not within limits, detected associated compounds are qualified "J" and non-detected associated compounds are qualified "UJ". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

7. FIELD DUPLICATES:

No problems were found for this criterion.

8. COMPOUND IDENTIFICATION:

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

The following pesticide samples have percent differences between analyte results in the range of 26-70%. Detected compounds are qualified J.



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alpha-Chlordane BASQ6MS, BASR0, BASR2
4,4'-DDE PLCSS1, PLCSS2
4,4'-DDT BASP8, BASQ5
gamma-Chlordane BASR2
4,4'-DDD BASR4
Aldrin BASQ6MS, BASQ6MSD
Endrin BASR5
Heptachlor epoxide BASQ3

The following pesticide samples have percent differences between analyte results in the range of 71-200%. Detected compounds are qualified NJ.

4,4'-DDD BASR0
alpha-Chlordane BASP9

The following pesticide samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

4,4'-DDT BASP9, BASR0, BASR4, BASR5
Dieldrin BASR0, BASR4
Endrin aldehyde BASQ3, BASQ5
beta-BHC BBNM2
alpha-Chlordane BASQ6MSD, BASR4, BBNM3
4,4'-DDE BASP9, BASQ6, BASQ6MS, BASQ6MSD, BASR0, BASR4, BASR5
Endosulfan sulfate BASP9, BBNM2
gamma-Chlordane BBNM3
4,4'-DDD BASR1, BASR2
Methoxychlor BASR0, BASR4, BBNM3
Endrin BASQ3, BASQ8, BASR0
Heptachlor epoxide BASR2
alpha-BHC BASQ3

The following pesticide samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Using professional judgment, detected compounds are qualified J.

Dieldrin BASQ6MS, BASQ6MSD, PLCSS1, PLCSS2

9. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

10. FIELD DOCUMENTATION:

No problems were identified.

11. OTHER PROBLEMS:

None.

12. DILUTIONS, RE-EXTRactions & REANALYSIS:



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Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

ANALYSIS: PCB

The current SOP HW-37 (Revision 3) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

The following Aroclor matrix/matrix spike duplicate samples have percent recoveries that are greater than the upper acceptance limit. Detected compounds are qualified J. Non-detected compounds are not qualified.

Aroclor-1260 BASQ6, BASQ6MS, BASQ6MSD

4. Laboratory Control Samples (LCS):

LCS data provides information on the accuracy of the analytical method and laboratory performance. If LCS recoveries fell outside of the acceptable limits, qualifications were applied to the associated samples and compounds as shown below.



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No problems were found for this criterion.

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects U. Qualifications were applied to the samples and analytes as shown below.

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Percent Relative Standard Deviation (%RSD):

For the PCB fraction, if %RSD exceeds 20% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

No problems were found for this criterion.

B) Percent Difference (%D):

For opening CCV, or closing CCV that is used as an opening CCV for the next 12-hour period, if %D exceeds 15% for analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

For closing CCV, if %D exceeds 50% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

No problems were found for this criterion.

7. FIELD DUPLICATES:

No problems were found for this criterion.

8. COMPOUND IDENTIFICATION:

A) PCB Fraction:



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The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

The following Aroclor samples have percent differences between analyte results in the range of 26-70%. Detected compounds are qualified J.

Aroclor-1260 BASQ6MS

The following Aroclor samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Using professional judgment, detected compounds are qualified J.

Aroclor-1260 BASQ6MSD

9. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

10. FIELD DOCUMENTATION:

No problems were identified.

11. OTHER PROBLEMS:

None.

12. DILUTIONS, RE-EXTRactions & RE-ANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

Sample Summary Report

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAAC	
Sample Number:	ABLKS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401339	pH:		Sample Date:	07/29/2014	Sample Time:	04:40:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1260	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	ABLKS2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	402209	pH:		Sample Date:	08/06/2014	Sample Time:	05:23:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1260	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	ALCSS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401341	pH:		Sample Date:	07/29/2014	Sample Time:	04:55:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	27	J	ug/kg	27.48133053114	J	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	40		ug/kg	39.98104052343		1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	ALCSS2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	402211	pH:		Sample Date:	08/06/2014	Sample Time:	05:39:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	31	J	ug/kg	30.63607285875	J	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	34		ug/kg	33.75115368453		1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASP8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS001	pH:		Sample Date:	07/22/2014	Sample Time:	11:14:00	
% Moisture :	5.9269			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Chloromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Vinyl chloride	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Bromomethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Chloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Acetone	Target	13	U	ug/kg	12.83820208539	U	1.0	Yes	S3VEM
Carbon disulfide	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Methyl acetate	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
2-Butanone	Target	13	U	ug/kg	12.83820208539	U	1.0	Yes	S3VEM
Bromochloromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Chloroform	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Benzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	130	R	ug/kg	128.3820208539	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.4	U	ug/kg	0.1416066022341	JB	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	13	U	ug/kg	12.83820208539	U	1.0	Yes	S3VEM
Toluene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	6.4	U	ug/kg	0.2055051073592	JB	1.0	Yes	S3VEM
2-Hexanone	Target	13	U	ug/kg	12.83820208539	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
o-Xylene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Styrene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Bromoform	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.4	U	ug/kg	6.419101042695	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASP8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS001	pH:	7.5	Sample Date:	07/22/2014	Sample Time:	11:14:00
% Moisture :	5.9269			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
4,4'-DDT	Target	11	J	ug/kg	10.57835614437	JP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	180.650315782	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	35.06741424004	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	18.0650315782	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	3.8	J	ug/kg	3.791384335757	J	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1806.50315782	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASP8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS001	pH:	7.5	Sample Date:	07/22/2014	Sample Time:	11:14:00
% Moisture :	5.9269			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Acetophenone	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Naphthalene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Diethylphthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	53000	U	ug/kg	52623.91745892	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Fluoranthene	Target	2200	J	ug/kg	2181.503684778	J	5.0	Yes	S3VEM
Pyrene	Target	2400	J	ug/kg	2422.31605604	J	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	26311.95872946	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	21000	JNB	ug/kg	21439.51021194	JNB	5.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				17481.13914068	JNB	5.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASP8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS001	pH:	7.5	Sample Date:	07/22/2014	Sample Time:	11:14:00
% Moisture :	5.9269			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	350.6741424004	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASP9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS001	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:27:00
% Moisture :	4.0792			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	344.033827908	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASP9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS001	pH:		Sample Date:	07/22/2014	Sample Time:	11:27:00	
% Moisture :	4.0792			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Chloromethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Bromomethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Chloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.5	U	ug/kg	0.1831382532045	J	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Acetone	Target	9.1	U	ug/kg	9.097092070126	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.5	U	ug/kg	0.6062359250936	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
2-Butanone	Target	9.1	U	ug/kg	9.097092070126	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Chloroform	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.52	J	ug/kg	0.521578542389	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Benzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	91	R	ug/kg	90.97092070126	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.1	U	ug/kg	9.097092070126	U	1.0	Yes	S3VEM
Toluene	Target	4.5	U	ug/kg	0.1755244850895	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.5	U	ug/kg	0.1498325881261	JB	1.0	Yes	S3VEM
2-Hexanone	Target	9.1	U	ug/kg	9.097092070126	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
o-Xylene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Styrene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Bromoform	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.5	U	ug/kg	4.548546035063	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASP9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS001	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:27:00
% Moisture :	4.0792			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
Heptachlor	Target	5.2	J	ug/kg	5.219906339209	J	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.72295477102	U	10.0	Yes	S3VEM
Diieldrin	Target	10	J	ug/kg	10.19052300816	J	10.0	Yes	S3VEM
4,4'-DDE	Target	34	U	ug/kg	4.52571859499	JP	10.0	Yes	S3VEM
Endrin	Target	34	U	ug/kg	34.4033827908	U	10.0	Yes	S3VEM
Endosulfan II	Target	34	U	ug/kg	34.4033827908	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	U	ug/kg	34.4033827908	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	U	ug/kg	2.441497692422	JP	10.0	Yes	S3VEM
4,4'-DDT	Target	34	U	ug/kg	5.055049451586	JP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	177.2295477102	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	U	ug/kg	34.4033827908	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	U	ug/kg	34.4033827908	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	280	NJ	ug/kg	283.2198687201	P	10.0	Yes	S3VEM
gamma-Chlordane	Target	350		ug/kg	345.9385219425		10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1772.295477102	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASP9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS001	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:27:00	
% Moisture :	4.0792			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Phenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2-Methylphenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Acetophenone	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Methylphenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Hexachloroethane	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Nitrobenzene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Isophorone	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Naphthalene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Caprolactam	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Acenaphthylene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
Acenaphthene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
Dibenzofuran	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Diethylphthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Fluorene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Atrazine	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	100000	U	ug/kg	104252.6751236	U	10.0	Yes	S3VEM
Phenanthrene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Anthracene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Carbazole	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Fluoranthene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Pyrene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Chrysene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Bis(2-	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	52000	U	ug/kg	52126.33756182	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:50:00	
% Moisture :	3.1074			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Phenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2-Methylphenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Acetophenone	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Methylphenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Hexachloroethane	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Nitrobenzene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Isophorone	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Naphthalene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Caprolactam	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Acenaphthylene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
Acenaphthene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
Dibenzofuran	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Diethylphthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Fluorene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Atrazine	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	21000	U	ug/kg	20641.411212	U	2.0	Yes	S3VEM
Phenanthrene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Anthracene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Carbazole	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Fluoranthene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Pyrene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Chrysene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Bis(2-	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	21000	JNB	ug/kg	20531.59890435	JNB	2.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	10000	U	ug/kg	10320.705606	U	2.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	15000	JN	ug/kg	15468.87997639	JN	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:50:00
% Moisture :	3.1074			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	340.4697950663	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ0	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:		Sample Date:	07/22/2014	Sample Time:	11:50:00	
% Moisture :	3.1074			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Chloromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Vinyl chloride	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Bromomethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Chloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Acetone	Target	13	U	ug/kg	12.61699951834	U	1.0	Yes	S3VEM
Carbon disulfide	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Methyl acetate	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
2-Butanone	Target	13	U	ug/kg	12.61699951834	U	1.0	Yes	S3VEM
Bromochloromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Chloroform	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Benzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	130	R	ug/kg	126.1699951834	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	13	U	ug/kg	12.61699951834	U	1.0	Yes	S3VEM
Toluene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	6.3	U	ug/kg	0.2138660828079	JB	1.0	Yes	S3VEM
2-Hexanone	Target	13	U	ug/kg	12.61699951834	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
o-Xylene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Styrene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Bromoform	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.3	U	ug/kg	6.308499759169	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ0	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	11:50:00
% Moisture :	3.1074			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Diieldrin	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
Endrin	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
Endosulfan II	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
4,4'-DDT	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	175.3935307917	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	U	ug/kg	34.04697950663	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.53935307917	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1753.935307917	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	6.8	Sample Date:	07/22/2014	Sample Time:	12:15:00
% Moisture :	7.7617			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1221	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1232	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1242	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1248	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1254	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1260	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1262	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM
Aroclor-1268	Target	36	U	ug/kg	35.77689528103	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:	6.8	Sample Date:	07/22/2014	Sample Time:	12:15:00	
% Moisture :	7.7617			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Phenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Acetophenone	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Isophorone	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Naphthalene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Caprolactam	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
Acenaphthene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Fluorene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Atrazine	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10628.90531225	U	1.0	Yes	S3VEM
Phenanthrene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Anthracene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Carbazole	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Fluoranthene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Pyrene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Chrysene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Bis(2-	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5300	U	ug/kg	5314.452656124	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				21272.05335761	JNB	1.0	Yes	
9-Octadecenamide, (Z)-	TIC	23000	JNB	ug/kg	23070.35784739	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASQ1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:		Sample Date:	07/22/2014	Sample Time:	12:15:00	
% Moisture :	7.7617			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Chloromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Bromomethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Chloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Acetone	Target	27		ug/kg	26.69092252673		1.0	Yes	S3VEM
Carbon disulfide	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.7	U	ug/kg	0.8284609582887	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
2-Butanone	Target	8.2	J	ug/kg	8.213748967273	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Chloroform	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.35	J	ug/kg	0.3470689250747	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Benzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	95	R	ug/kg	94.93418054723	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.5	U	ug/kg	9.493418054723	U	1.0	Yes	S3VEM
Toluene	Target	4.7	U	ug/kg	0.110864561302	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.7	U	ug/kg	0.1355731936989	JB	1.0	Yes	S3VEM
2-Hexanone	Target	9.5	U	ug/kg	9.493418054723	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
o-Xylene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Styrene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Bromoform	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.7	U	ug/kg	4.746709027361	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	6.8	Sample Date:	07/22/2014	Sample Time:	12:15:00
% Moisture :	7.7617			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Diieldrin	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
Endrin	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
Methoxychlor	Target	18	U	ug/kg	18.43052181144	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.6	U	ug/kg	3.577689528103	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	U	ug/kg	1.843052181144	U	1.0	Yes	S3VEM
Toxaphene	Target	180	U	ug/kg	184.3052181144	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASQ2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:		Sample Date:	07/22/2014	Sample Time:	12:16:00	
% Moisture :	8.91			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Chloromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Bromomethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Chloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Acetone	Target	22		ug/kg	21.54337056429		1.0	Yes	S3VEM
Carbon disulfide	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.9	U	ug/kg	0.1806980809562	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
2-Butanone	Target	8.7	J	ug/kg	8.697267883925	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Chloroform	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Benzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	97	R	ug/kg	97.49692250964	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.7	U	ug/kg	9.749692250964	U	1.0	Yes	S3VEM
Toluene	Target	4.9	U	ug/kg	0.1920051312388	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.9	U	ug/kg	0.157494000875	JB	1.0	Yes	S3VEM
2-Hexanone	Target	9.7	U	ug/kg	9.749692250964	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
o-Xylene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Styrene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Bromoform	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.9	U	ug/kg	4.874846125482	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS002	pH:	6.3	Sample Date:	07/22/2014	Sample Time:	12:16:00	
% Moisture :	8.91			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Phenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Acetophenone	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Isophorone	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Naphthalene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Caprolactam	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
Acenaphthene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Fluorene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Atrazine	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10762.89556332	U	1.0	Yes	S3VEM
Phenanthrene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Anthracene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Carbazole	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Fluoranthene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Pyrene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Chrysene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Bis(2-	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	32000	JN	ug/kg	31779.81698772	JN	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5400	U	ug/kg	5381.44778166	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	33000	JNB	ug/kg	33450.54126602	JNB	1.0	Yes	NV
Hexadecanamide	TIC	2900	JN	ug/kg	2913.300571079	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	6.3	Sample Date:	07/22/2014	Sample Time:	12:16:00
% Moisture :	8.91			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Heptachlor	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Aldrin	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Dieldrin	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
Endrin	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
Methoxychlor	Target	19	U	ug/kg	18.65664202612	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.6	U	ug/kg	3.621583452129	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.9	U	ug/kg	1.865664202612	U	1.0	Yes	S3VEM
Toxaphene	Target	190	U	ug/kg	186.5664202612	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS002	pH:	6.3	Sample Date:	07/22/2014	Sample Time:	12:16:00
% Moisture :	8.91			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1221	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1232	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1242	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1248	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1254	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1260	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1262	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM
Aroclor-1268	Target	36	U	ug/kg	36.21583452129	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS003	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	12:31:00
% Moisture :	1.5703			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	17	U	ug/kg	0.731011094381 1	JP	10.0	Yes	S3VEM
beta-BHC	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
delta-BHC	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
Heptachlor	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
Aldrin	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	43	J	ug/kg	43.34695605385	P	10.0	Yes	S3VEM
Endosulfan I	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
Dieldrin	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
Endrin	Target	34	U	ug/kg	5.265904680081	JP	10.0	Yes	S3VEM
Endosulfan II	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
4,4'-DDT	Target	8.6	J	ug/kg	8.634383503942	J	10.0	Yes	S3VEM
Methoxychlor	Target	170	U	ug/kg	172.7120980761	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	U	ug/kg	33.52646609712	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	U	ug/kg	2.226543672212	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	17	U	ug/kg	17.27120980761	U	10.0	Yes	S3VEM
Toxaphene	Target	1700	U	ug/kg	1727.120980761	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS003	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	12:31:00	
% Moisture :	1.5703			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Phenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2-Methylphenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Acetophenone	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Methylphenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Hexachloroethane	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Nitrobenzene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Isophorone	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Naphthalene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Caprolactam	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Acenaphthylene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
Acenaphthene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
Dibenzofuran	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Diethylphthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Fluorene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Atrazine	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	51000	U	ug/kg	50797.67590473	U	5.0	Yes	S3VEM
Phenanthrene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Anthracene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Carbazole	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Fluoranthene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Pyrene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Chrysene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Bis(2-	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	31000	JNB	ug/kg	30776.7879004	JNB	5.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	25000	U	ug/kg	25398.83795237	U	5.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	18000	JN	ug/kg	18457.84351674	JN	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS003	pH:	7.7	Sample Date:	07/22/2014	Sample Time:	12:31:00
% Moisture :	1.5703			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	335.2646609712	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASQ3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS003	pH:		Sample Date:	07/22/2014	Sample Time:	12:31:00	
% Moisture :	1.5703			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	0.2067285631993	J	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Acetone	Target	8.8	U	ug/kg	8.834378418214	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.3327794201354	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
2-Butanone	Target	8.8	U	ug/kg	8.834378418214	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	88.34378418214	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.834378418214	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	0.120624860766	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.834378418214	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.417189209107	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS003	pH:		Sample Date:	07/22/2014	Sample Time:	12:40:00	
% Moisture :	5.8376			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Chloromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Bromomethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Chloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Acetone	Target	30		ug/kg	30.10224975178		1.0	Yes	S3VEM
Carbon disulfide	Target	5.1	U	ug/kg	0.6730362365492	J	1.0	Yes	S3VEM
Methyl acetate	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.1	U	ug/kg	0.3132880858726	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	1.2	J	ug/kg	1.172232399867	J	1.0	Yes	S3VEM
2-Butanone	Target	8.4	J	ug/kg	8.414016759551	J	1.0	Yes	S3VEM
Bromochloromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Chloroform	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.84	J	ug/kg	0.8440694605519	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Benzene	Target	1.8	J	ug/kg	1.802200790114	J	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	102.707448875	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2-Dichloroproppane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10.2707448875	U	1.0	Yes	S3VEM
Toluene	Target	5.1	U	ug/kg	0.5356601924777	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10.2707448875	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Ethylbenzene	Target	3.7	J	ug/kg	3.705443319787	J	1.0	Yes	S3VEM
o-Xylene	Target	0.38	J	ug/kg	0.3785692403112	J	1.0	Yes	S3VEM
m,p-Xylene	Target	5.1	U	ug/kg	1.074584119684	J	1.0	Yes	S3VEM
Styrene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Bromoform	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.27	J	ug/kg	0.2701127000878	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.1	U	ug/kg	5.135372443749	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS003	pH:	11.3	Sample Date:	07/22/2014	Sample Time:	12:40:00
% Moisture :	5.8376			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Dieldrin	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	180.5391536324	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	35.04583570512	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	18.05391536324	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1805.391536324	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS003	pH:	11.3	Sample Date:	07/22/2014	Sample Time:	12:40:00
% Moisture :	5.8376			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	350.4583570512	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS003	pH:	11.3	Sample Date:	07/22/2014	Sample Time:	12:40:00	
% Moisture :	5.8376			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Phenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2-Methylphenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Acetophenone	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Methylphenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Hexachloroethane	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Nitrobenzene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Isophorone	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Naphthalene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Caprolactam	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Acenaphthylene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
Acenaphthene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
Dibenzofuran	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Diethylphthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Fluorene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Atrazine	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	110000	U	ug/kg	106199.5021367	U	10.0	Yes	S3VEM
Phenanthrene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Anthracene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Carbazole	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Fluoranthene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Pyrene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Chrysene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Bis(2-	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	53000	U	ug/kg	53099.75106837	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS004	pH:	12.9	Sample Date:	07/22/2014	Sample Time:	12:51:00
% Moisture :	5.2525			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	348.1780908778	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS004	pH:	12.9	Sample Date:	07/22/2014	Sample Time:	12:51:00	
% Moisture :	5.2525			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Phenol	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2-Methylphenol	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Acetophenone	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Methylphenol	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Hexachloroethane	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Nitrobenzene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Isophorone	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Naphthalene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Caprolactam	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Acenaphthylene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
Acenaphthene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
Dibenzofuran	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Diethylphthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Fluorene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	21000	U	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Atrazine	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	21000	UJ	ug/kg	21108.73637827	U	2.0	Yes	S3VEM
Phenanthrene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Anthracene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Carbazole	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Fluoranthene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Pyrene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Chrysene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Bis(2-	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	11000	U	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	11000	UJ	ug/kg	10554.36818913	U	2.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	31000	JNB	ug/kg	30659.38415262	JNB	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS004	pH:		Sample Date:	07/22/2014	Sample Time:	12:51:00	
% Moisture :	5.2525			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Acetone	Target	14	U	ug/kg	8.628441473417	J	1.0	Yes	S3VEM
Carbon disulfide	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Methyl acetate	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.1	U	ug/kg	0.634653063747	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
2-Butanone	Target	14	U	ug/kg	14.22421588832	U	1.0	Yes	S3VEM
Bromochloromethane	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Chloroform	Target	63	J-	ug/kg	63.33940985076		1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Benzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	140	R	ug/kg	142.2421588832	U	1.0	Yes	S3VEM
Trichloroethene	Target	45		ug/kg	44.90525724884	B	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	14	U	ug/kg	14.22421588832	U	1.0	Yes	S3VEM
Toluene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	0.2814537145083	JB	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14.22421588832	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
o-Xylene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Styrene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Bromoform	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	R	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.112107944161	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS004	pH:	12.9	Sample Date:	07/22/2014	Sample Time:	12:51:00
% Moisture :	5.2525			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
4,4'-DDT	Target	11	J	ug/kg	10.50140731928	JP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	179.3644710583	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.81780908778	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	4.002136038157	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.93644710583	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1793.644710583	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASQ6	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS004	pH:		Sample Date:	07/22/2014	Sample Time:	12:55:00	
% Moisture :	7.2837			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Chloromethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Bromomethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Chloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.1	U	ug/kg	0.2260460797837	J	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Acetone	Target	8.1	U	ug/kg	14.07625202691		1.0	Yes	S3VEM
Carbon disulfide	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.1	U	ug/kg	0.3147321718484	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
2-Butanone	Target	4.9	J	ug/kg	4.942951686841	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Chloroform	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Benzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	81	R	ug/kg	81.33929125422	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.1	U	ug/kg	8.133929125422	U	1.0	Yes	S3VEM
Toluene	Target	4.1	U	ug/kg	0.1051090476157	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.1	U	ug/kg	8.133929125422	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
o-Xylene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Styrene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Bromoform	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
Benzene, 2-ethyl-1,4-dimethyl-	TIC	5.0	JN	ug/kg	4.967797213351	JN	1.0	Yes	NV
1,2,3-Trichlorobenzene	Target	4.1	U	ug/kg	4.066964562711	U	1.0	Yes	S3VEM
1H-Indene, 2,3-dihydro-1,3-dimethyl-	TIC	4.2	JN	ug/kg	4.233954127656	JN	1.0	Yes	NV
1H-Indene, 2,3-dihydro-1,1-dimethyl-	TIC	6.3	JN	ug/kg	6.297369268193	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS004	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	7.2837			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	UJ	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.29890522408	U	10.0	Yes	S3VEM
Dieldrin	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	1.926753767977	JP	10.0	Yes	S3VEM
Endrin	Target	36	UJ	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	182.9890522408	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	35.5214042585	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	8.7	J	ug/kg	8.717157492303	J	10.0	Yes	S3VEM
gamma-Chlordane	Target	9.1	J	ug/kg	9.084993095285	J	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1829.890522408	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS004	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	7.2837			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	355.214042585	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS004	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00	
% Moisture :	7.2837			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	31414.33986498	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	21000	JN	ug/kg	21371.17541014	JN	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15707.16993249	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	30000	JNB	ug/kg	29554.29680157	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6MS	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420536010	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	7.2837			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	8.0	J	ug/kg	8.030534771768	J	10.0	Yes	S3VEM
alpha-BHC	Target	18	U	ug/kg	18.33550303453	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.33550303453	U	10.0	Yes	S3VEM
Heptachlor	Spike	9.3	J	ug/kg	9.257114227905	J	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.33550303453	U	10.0	Yes	S3VEM
Aldrin	Spike	6.3	J	ug/kg	6.254573950708	JP	10.0	Yes	S3VEM
Dieldrin	Spike	13	J	ug/kg	12.72069093776	JP	10.0	Yes	S3VEM
Endrin	Spike	16	J	ug/kg	16.10822595567	J	10.0	Yes	S3VEM
4,4'-DDT	Spike	22	J	ug/kg	21.76619071303	J	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.33550303453	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.33550303453	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	2.382644531095	JP	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	35.59244706702	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	35.59244706702	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	35.59244706702	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	183.3550303453	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.59244706702	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	35.59244706702	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	14	J	ug/kg	14.36511697118	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	16	J	ug/kg	15.52815110573	J	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1833.550303453	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6MS	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420536010	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	7.2837			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	170	J	ug/kg	165.1598499725	J	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1260	Spike	190	J	ug/kg	191.7532774456	JP	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	355.9244706702	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6MSD	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420536011	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	10.539			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	10	J	ug/kg	9.956918918288	J	10.0	Yes	S3VEM
alpha-BHC	Target	19	U	ug/kg	18.98371020111	U	10.0	Yes	S3VEM
Heptachlor	Spike	12	J	ug/kg	11.77216699652	J	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.98371020111	U	10.0	Yes	S3VEM
Aldrin	Spike	7.5	J	ug/kg	7.468976075347	JP	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	18.98371020111	U	10.0	Yes	S3VEM
Dieldrin	Spike	18	J	ug/kg	18.12642921961	JP	10.0	Yes	S3VEM
Endrin	Spike	20	J	ug/kg	19.69809655445	J	10.0	Yes	S3VEM
4,4'-DDT	Spike	29	J	ug/kg	29.12255579711	J	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	18.98371020111	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	18.98371020111	U	10.0	Yes	S3VEM
4,4'-DDE	Target	37	U	ug/kg	3.634574060675	JP	10.0	Yes	S3VEM
Endosulfan II	Target	37	U	ug/kg	36.85073156686	U	10.0	Yes	S3VEM
4,4'-DDD	Target	37	U	ug/kg	36.85073156686	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	37	U	ug/kg	36.85073156686	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	189.8371020111	U	10.0	Yes	S3VEM
Endrin ketone	Target	37	U	ug/kg	36.85073156686	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	37	U	ug/kg	36.85073156686	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	12.68036832622	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	15	J	ug/kg	15.32071735885	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1898.371020111	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ6MSD	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420536011	pH:	9.5	Sample Date:	07/22/2014	Sample Time:	12:55:00
% Moisture :	10.539			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	170	J	ug/kg	167.0810867612	J	10.0	Yes	S3VEM
Aroclor-1260	Spike	180	J	ug/kg	182.2491202231	JP	10.0	Yes	S3VEM
Aroclor-1221	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1232	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1242	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1248	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1254	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1262	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM
Aroclor-1268	Target	370	U	ug/kg	368.5073156686	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ7	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS004	pH:		Sample Date:	07/22/2014	Sample Time:	13:02:00	
% Moisture :	10.886			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Acetone	Target	8.8	U	ug/kg	13.90927397015		1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	0.2466283915277	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.8646982640717	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
2-Butanone	Target	6.6	J	ug/kg	6.601966689357	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Chloroform	Target	18	J-	ug/kg	18.22902129798		1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.77	J	ug/kg	0.7669216713668	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	87.8058008235	U	1.0	Yes	S3VEM
Trichloroethene	Target	1.2	J	ug/kg	1.153854017972	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.78058008235	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	0.1270428731244	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.14	J	ug/kg	0.1405783148451	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.78058008235	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
o-Xylene	Target	0.10	J	ug/kg	0.10008742728	J	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	UJ	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.390290041175	U	1.0	Yes	S3VEM
Total Alkanes	TIC	21	J	ug/kg	20.51696683782	J	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS005	pH:	9.2	Sample Date:	07/22/2014	Sample Time:	13:50:00
% Moisture :	4.6543			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	31464.44989129	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15732.22494565	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				11683.37953363	JNB	3.0	Yes	
9-Octadecenamide, (Z)-	TIC	21000	JNB	ug/kg	21204.83671524	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS005	pH:	9.2	Sample Date:	07/22/2014	Sample Time:	13:50:00
% Moisture :	4.6543			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	1.626694645152	JP	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	178.1797628754	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	34.58783632287	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.81797628754	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1781.797628754	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS005	pH:		Sample Date:	07/22/2014	Sample Time:	13:50:00	
% Moisture :	4.6543			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Chloromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Bromomethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Chloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Acetone	Target	24		ug/kg	23.61456534386		1.0	Yes	S3VEM
Carbon disulfide	Target	4.2	U	ug/kg	0.2593281891679	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.2	U	ug/kg	0.278803802644	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
2-Butanone	Target	7.5	J	ug/kg	7.486303354104	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Chloroform	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Benzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	85	R	ug/kg	84.8555822311	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.5	U	ug/kg	8.48555822311	U	1.0	Yes	S3VEM
Toluene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.5	U	ug/kg	8.48555822311	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
o-Xylene	Target	0.48	J	ug/kg	0.4827916197621	J	1.0	Yes	S3VEM
m,p-Xylene	Target	4.2	U	ug/kg	1.539642748185	J	1.0	Yes	S3VEM
Styrene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Bromoform	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.17	J	ug/kg	0.1651560336158	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.2	U	ug/kg	4.242779111555	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS005	pH:	9.2	Sample Date:	07/22/2014	Sample Time:	13:50:00
% Moisture :	4.6543			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	345.8783632287	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS005	pH:	9.0	Sample Date:	07/22/2014	Sample Time:	14:00:00
% Moisture :	8.2603			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	359.4737573471	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS005	pH:	9.0	Sample Date:	07/22/2014	Sample Time:	14:00:00	
% Moisture :	8.2603			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	32000	U	ug/kg	32060.0184063	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				21635.38282131	JNB	3.0	Yes	
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	16030.00920315	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	37000	JNB	ug/kg	36905.24898804	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASQ9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS005	pH:	9.0	Sample Date:	07/22/2014	Sample Time:	14:00:00
% Moisture :	8.2603			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Heptachlor	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Aldrin	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Dieldrin	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	185.1834507546	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	35.94737573471	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	19	U	ug/kg	18.51834507546	U	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1851.834507546	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS005	pH:		Sample Date:	07/22/2014	Sample Time:	14:00:00	
% Moisture :	8.2603			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Chloromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Bromomethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Chloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Acetone	Target	28		ug/kg	28.49176430154		1.0	Yes	S3VEM
Carbon disulfide	Target	4.1	U	ug/kg	0.3629732713695	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.1	U	ug/kg	0.2725188937362	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
2-Butanone	Target	9.7		ug/kg	9.690717746179		1.0	Yes	S3VEM
Bromochloromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Chloroform	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.47	J	ug/kg	0.466457220028	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Benzene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	82	R	ug/kg	82.08137242576	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.2	U	ug/kg	8.208137242576	U	1.0	Yes	S3VEM
Toluene	Target	4.1	U	ug/kg	0.137311039278	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.2	U	ug/kg	8.208137242576	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
o-Xylene	Target	0.60	J	ug/kg	0.6039015522799	J	1.0	Yes	S3VEM
m,p-Xylene	Target	9.4		ug/kg	9.438352458999		1.0	Yes	S3VEM
Styrene	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Bromoform	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.38	J	ug/kg	0.3764505157653	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.1	U	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.1	R	ug/kg	4.104068621288	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASQ9RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS005	pH:		Sample Date:	07/22/2014	Sample Time:	14:00:00	
% Moisture :	8.2603			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Chloromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Vinyl chloride	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Bromomethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Chloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,1-Dichloroethene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Acetone	Target	39		ug/kg	38.73751933465		1.0	No	S3VEM
Carbon disulfide	Target	4.9	U	ug/kg	0.3473959574587	J	1.0	No	S3VEM
Methyl acetate	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Methylene chloride	Target	4.9	U	ug/kg	0.6135609259802	JB	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
2-Butanone	Target	16		ug/kg	16.40600598851		1.0	No	S3VEM
Bromochloromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Chloroform	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Cyclohexane	Target	0.73	J	ug/kg	0.7345035809275	J	1.0	No	S3VEM
Carbon tetrachloride	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Benzene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,4-Dioxane	Target	98	R	ug/kg	97.84924827775	U	1.0	No	S3VEM
Trichloroethene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Methylcyclohexane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2-Dichloroproppane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	9.8	U	ug/kg	9.784924827775	U	1.0	No	S3VEM
Toluene	Target	4.9	U	ug/kg	0.2008308532891	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Tetrachloroethene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
2-Hexanone	Target	9.8	U	ug/kg	9.784924827775	U	1.0	No	S3VEM
Dibromochloromethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Chlorobenzene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Ethylbenzene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
o-Xylene	Target	0.59	J	ug/kg	0.593283888665	J	1.0	No	S3VEM
m,p-Xylene	Target	15		ug/kg	15.12042784006		1.0	No	S3VEM
Styrene	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
Bromoform	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
Isopropylbenzene	Target	0.42	J	ug/kg	0.4155518917756	J	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.9	U	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	4.9	R	ug/kg	4.892462413887	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS006	pH:	8.7	Sample Date:	07/22/2014	Sample Time:	14:30:00
% Moisture :	4.6535			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	345.6451845484	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS006	pH:	8.7	Sample Date:	07/22/2014	Sample Time:	14:30:00	
% Moisture :	4.6535			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Acetophenone	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Naphthalene	Target	3400	J	ug/kg	3393.105019521	J	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	6300	J	ug/kg	6261.459586833	J	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Diethylphthalate	Target	52000		ug/kg	52146.51966492		5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	51000	U	ug/kg	51412.06844838	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	2500	J	ug/kg	2478.228563825	J	5.0	Yes	S3VEM
Fluoranthene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Pyrene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	3729.281426895	J	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	3729.281426895	J	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	25706.03422419	U	5.0	Yes	S3VEM
Benzene, 4-ethyl-1,2-dimethyl-	TIC				12935.7905423	JN	5.0	Yes	
Benzene, 4-ethyl-1,2-dimethyl-	TIC	34000	JN	ug/kg	33930.93693456	JN	5.0	Yes	NV
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.al)	TIC	700000	JN	ug/kg	697129.6539361	JN	5.0	Yes	NV
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R-9-	TIC	110000	JN	ug/kg	105197.832097	JN	5.0	Yes	NV
Octadecenamide, (Z)-	TIC	45000	JNB	ug/kg	44809.73061824	JNB	5.0	Yes	NV
Cedrane, 8-propoxy-	TIC	20000	JN	ug/kg	20269.72210646	JN	5.0	Yes	NV
Total Alkanes	TIC	300000	J	ug/kg	302624.2879043	J	5.0	Yes	NV
cis-Thujopsene	TIC	35000	JN	ug/kg	35172.53838759	JN	5.0	Yes	NV
7-Acetyl-6-ethyl-1,1,4,4-tetramethyltetralin	TIC	12000	JN	ug/kg	11731.20577855	JN	5.0	Yes	NV
(+)-2-Bornanone	TIC	230000	JN	ug/kg	229610.9247766	JN	5.0	Yes	NV
Eucalyptol	TIC	130000	JN	ug/kg	134569.5468016	JN	5.0	Yes	NV
D-Limonene	TIC	100000	JN	ug/kg	104652.8641715	JN	5.0	Yes	NV
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	TIC	11000	JN	ug/kg	10763.11652967	JN	5.0	Yes	NV
1H-3a,7-Methanoazulene, 2,3,4,7,8,8a-hexahydro-3-	TIC	46000	JN	ug/kg	46416.87187794	JN	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR0	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS006	pH:		Sample Date:	07/22/2014	Sample Time:	14:30:00	
% Moisture :	4.6535			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Chloromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Vinyl chloride	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Bromomethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Chloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Acetone	Target	5000	U	ug/kg	4959.886181137	U	1.0	Yes	S3VEM
Carbon disulfide	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Methyl acetate	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Methylene chloride	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
2-Butanone	Target	5000	U	ug/kg	4959.886181137	U	1.0	Yes	S3VEM
Bromochloromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Chloroform	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Cyclohexane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Benzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	50000	R	ug/kg	49598.86181137	U	1.0	Yes	S3VEM
Trichloroethene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	5000	U	ug/kg	4959.886181137	U	1.0	Yes	S3VEM
Toluene	Target	8500		ug/kg	8463.649208461		1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
2-Hexanone	Target	5000	U	ug/kg	4959.886181137	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Chlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6000		ug/kg	5992.975892974		1.0	Yes	S3VEM
o-Xylene	Target	15000		ug/kg	15260.86103886		1.0	Yes	S3VEM
m,p-Xylene	Target	30000		ug/kg	30119.14597074		1.0	Yes	S3VEM
Styrene	Target	2500	U	ug/kg	1477.225018881	J	1.0	Yes	S3VEM
Bromoform	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	3200		ug/kg	3195.427907148		1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Benzene, 1,2,4,5-tetramethyl-	TIC	11000	JN	ug/kg	10728.2338098	JN	1.0	Yes	NV
1,2,3-Trichlorobenzene	Target	2500	U	ug/kg	2479.943090569	U	1.0	Yes	S3VEM
Benzene, 1,3-diethyl-5-methyl-	TIC	12000	JN	ug/kg	11735.09070457	JN	1.0	Yes	NV
D-Limonene	TIC	470000	JN	ug/kg	472409.3192086	JN	1.0	Yes	NV
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1)	TIC	74000	JN	ug/kg	74194.93738363	JN	1.0	Yes	NV
Benzene, 2-ethyl-1,4-	TIC	28000	JN	ug/kg	27700.96432165	JN	1.0	Yes	NV

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
dimethyl-	TIC	28000	JN	ug/kg	27700.96432165	JN	1.0	Yes	NV
Naphthalene, 1,2,3,4-tetrahydro-	TIC	8900	JN	ug/kg	8912.915467503	JN	1.0	Yes	NV
Mesitylene	TIC				87363.43519455	JN	1.0	Yes	
1H-Indene, 2,3-dihydro-4-methyl-	TIC	14000	JN	ug/kg	14403.50947002	JN	1.0	Yes	NV
Benzene, 1,2,4,5-tetramethyl-	TIC				15370.68727534	JN	1.0	Yes	
Eucalyptol	TIC	240000	JN	ug/kg	236839.5250355	JN	1.0	Yes	NV
Mesitylene	TIC	54000	JN	ug/kg	54479.38981361	JN	1.0	Yes	NV
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, [1S-(TIC	75000	JN	ug/kg	74576.84861958	JN	1.0	Yes	NV
Benzene, 4-ethyl-1,2-dimethyl-	TIC	25000	JN	ug/kg	25161.50259691	JN	1.0	Yes	NV
(2E,4E)-3,7-Dimethyl-2,4-octadiene	TIC	40000	JN	ug/kg	39560.05218075	JN	1.0	Yes	NV
Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	TIC	6700	JN	ug/kg	6653.042526792	JN	1.0	Yes	NV
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	TIC	7600	JN	ug/kg	7558.866540053	JN	1.0	Yes	NV
Benzene, 4-ethyl-1,2-dimethyl-	TIC				6393.293287486	JN	1.0	Yes	
1H-3a,7-Methanoazulene, 2,3,4,7,8,8a-hexahydro-3	TIC	7500	JN	ug/kg	7454.708930249	JN	1.0	Yes	NV
Benzene, 1-ethyl-2-methyl-	TIC	44000	JN	ug/kg	43741.23623145	JN	1.0	Yes	NV
1-Phenyl-1-butene	TIC	20000	JN	ug/kg	19809.78540746	JN	1.0	Yes	NV
Total Alkanes	TIC	45000	J	ug/kg	45309.25464875	J	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR0	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS006	pH:	8.7	Sample Date:	07/22/2014	Sample Time:	14:30:00
% Moisture :	4.6535			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	19.51537462631	JP	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	9.910132862765	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	17.16137621158	JP	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	34.56451845484	U	10.0	Yes	S3VEM
4,4'-DDD	Target	55	NJ	ug/kg	55.1034832089	P	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	34.56451845484	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	11.33274834494	JP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	129.6509446846	JP	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.56451845484	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	34.56451845484	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	J	ug/kg	17.61658484463	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.8059640525	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1780.59640525	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS006	pH:	8.0	Sample Date:	07/22/2014	Sample Time:	14:32:00
% Moisture :	24.238			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
beta-BHC	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
delta-BHC	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Heptachlor	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Aldrin	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Endosulfan I	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Diieldrin	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
4,4'-DDE	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
Endrin	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
Endosulfan II	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
4,4'-DDD	Target	44	U	ug/kg	3.712794067487	JP	10.0	Yes	S3VEM
Endosulfan sulfate	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
4,4'-DDT	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
Methoxychlor	Target	220	U	ug/kg	224.1627330722	U	10.0	Yes	S3VEM
Endrin ketone	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	44	U	ug/kg	43.51394230225	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	22	U	ug/kg	22.41627330722	U	10.0	Yes	S3VEM
Toxaphene	Target	2200	U	ug/kg	2241.627330722	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS006	pH:		Sample Date:	07/22/2014	Sample Time:	14:32:00	
% Moisture :	24.238			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Chloromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Vinyl chloride	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Bromomethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Chloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Acetone	Target	1300	U	ug/kg	1325.961724811	U	1.0	Yes	S3VEM
Carbon disulfide	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Methyl acetate	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Methylene chloride	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
2-Butanone	Target	1300	U	ug/kg	1325.961724811	U	1.0	Yes	S3VEM
Bromochloromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Chloroform	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Cyclohexane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Benzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	13000	R	ug/kg	13259.61724811	U	1.0	Yes	S3VEM
Trichloroethene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	1300	U	ug/kg	1325.961724811	U	1.0	Yes	S3VEM
Toluene	Target	660	U	ug/kg	110.1482276692	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
2-Hexanone	Target	1300	U	ug/kg	1325.961724811	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Chlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Ethylbenzene	Target	62	J	ug/kg	62.26005031334	J	1.0	Yes	S3VEM
o-Xylene	Target	91	J	ug/kg	90.65121161814	J	1.0	Yes	S3VEM
m,p-Xylene	Target	660	U	ug/kg	229.8394088424	J	1.0	Yes	S3VEM
Styrene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Bromoform	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, [1S-(TIC	17000	JN	ug/kg	16885.44632499	JN	1.0	Yes	NV
1,2,3-Trichlorobenzene	Target	660	U	ug/kg	662.9808624054	U	1.0	Yes	S3VEM
1H-3a,7-Methanoazulene, 2,3,4,7,8,8a-hexahydro-3	TIC	670	JN	ug/kg	667.1841610731	JN	1.0	Yes	NV
Total Alkanes	TIC	3500	J	ug/kg	3490.647279034	J	1.0	Yes	NV
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1	TIC	2900	JN	ug/kg	2890.768935112	JN	1.0	Yes	NV

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
D-Limonene	TIC	1100	JN	ug/kg	1088.747172242	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS006	pH:	8.0	Sample Date:	07/22/2014	Sample Time:	14:32:00
% Moisture :	24.238			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Phenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2-Methylphenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Acetophenone	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Methylphenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Hexachloroethane	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Nitrobenzene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Isophorone	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Naphthalene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Caprolactam	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Acenaphthylene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
Acenaphthene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
Dibenzofuran	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Diethylphthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Fluorene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Atrazine	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	40000	U	ug/kg	39597.68749505	U	3.0	Yes	S3VEM
Phenanthrene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Anthracene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Carbazole	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Fluoranthene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Pyrene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Chrysene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Bis(2-	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	20000	U	ug/kg	19798.84374753	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	52000	JNB	ug/kg	51970.38092975	JNB	3.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				45084.34307436	JNB	3.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS006	pH:	8.0	Sample Date:	07/22/2014	Sample Time:	14:32:00
% Moisture :	24.238			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1221	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1232	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1242	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1248	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1254	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1260	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1262	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM
Aroclor-1268	Target	440	U	ug/kg	435.1394230225	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	14:54:00
% Moisture :	3.8602			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	1.290703883121	JP	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.65903768815	U	10.0	Yes	S3VEM
Diieldrin	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
Endrin	Target	4.8	J	ug/kg	4.77926580957	J	10.0	Yes	S3VEM
Endosulfan II	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	U	ug/kg	2.789303620062	JP	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
4,4'-DDT	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	176.5903768815	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	U	ug/kg	34.27930845347	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	4.2	J	ug/kg	4.206778804447	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	5.4	J	ug/kg	5.431247298739	JP	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1765.903768815	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS007	pH:		Sample Date:	07/22/2014	Sample Time:	14:54:00	
% Moisture :	3.8602			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Acetone	Target	8.9	U	ug/kg	8.890187567489	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.527243373174	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
2-Butanone	Target	8.9	U	ug/kg	8.890187567489	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	0.397967804091	J	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	89	R	ug/kg	88.90187567489	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.9	U	ug/kg	8.890187567489	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	0.1140748496154	JB	1.0	Yes	S3VEM
2-Hexanone	Target	8.9	U	ug/kg	8.890187567489	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	R	ug/kg	4.445093783744	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	14:54:00	
% Moisture :	3.8602			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Phenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2-Methylphenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Acetophenone	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Methylphenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Hexachloroethane	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Nitrobenzene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Isophorone	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Naphthalene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Caprolactam	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Acenaphthylene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
Acenaphthene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
Dibenzofuran	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Diethylphthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Fluorene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Atrazine	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	100000	U	ug/kg	100014.6101342	U	10.0	Yes	S3VEM
Phenanthrene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Anthracene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Carbazole	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Fluoranthene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Pyrene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Chrysene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Bis(2-	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	50000	U	ug/kg	50007.30506712	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	20000	JNB	ug/kg	20254.95884439	JNB	10.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	14:54:00
% Moisture :	3.8602			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	170	J	ug/kg	168.3730785675	J	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	342.7930845347	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR2RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS007	pH:		Sample Date:	07/22/2014	Sample Time:	14:54:00	
% Moisture :	3.8602			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Chloromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Vinyl chloride	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Bromomethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Chloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1-Dichloroethene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Acetone	Target	9.5	U	ug/kg	9.490437457994	U	1.0	No	S3VEM
Carbon disulfide	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Methyl acetate	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Methylene chloride	Target	4.7	U	ug/kg	0.5379581035127	JB	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
2-Butanone	Target	9.5	U	ug/kg	9.490437457994	U	1.0	No	S3VEM
Bromochloromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Chloroform	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Cyclohexane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Carbon tetrachloride	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Benzene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,4-Dioxane	Target	95	R	ug/kg	94.90437457994	U	1.0	No	S3VEM
Trichloroethene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Methylcyclohexane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2-Dichloropropane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	9.5	U	ug/kg	9.490437457994	U	1.0	No	S3VEM
Toluene	Target	4.7	U	ug/kg	0.107814007515	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Tetrachloroethene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
2-Hexanone	Target	9.5	U	ug/kg	9.490437457994	U	1.0	No	S3VEM
Dibromochloromethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Chlorobenzene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Ethylbenzene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
o-Xylene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
m,p-Xylene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Styrene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
Bromoform	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
Isopropylbenzene	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.7	U	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	4.7	R	ug/kg	4.745218728997	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:05:00	
% Moisture :	9.136			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	32000	U	ug/kg	32368.99619858	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	16184.49809929	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	40000	JNB	ug/kg	40083.82275256	JNB	3.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				16652.87747429	JNB	3.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS007	pH:		Sample Date:	07/22/2014	Sample Time:	15:05:00	
% Moisture :	9.136			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Chloromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Bromomethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Chloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Acetone	Target	23		ug/kg	23.34111379388		1.0	Yes	S3VEM
Carbon disulfide	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.0	U	ug/kg	0.1587165634471	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
2-Butanone	Target	7.3	J	ug/kg	7.313627400297	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Chloroform	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Benzene	Target	0.73	J	ug/kg	0.7270294410402	J	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	80	R	ug/kg	80.33181538335	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.0	U	ug/kg	8.033181538335	U	1.0	Yes	S3VEM
Toluene	Target	4.0	U	ug/kg	0.1102637381344	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.0	U	ug/kg	0.08039834825848	JB	1.0	Yes	S3VEM
2-Hexanone	Target	8.0	U	ug/kg	8.033181538335	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.16	J	ug/kg	0.1576211624618	J	1.0	Yes	S3VEM
o-Xylene	Target	0.25	J	ug/kg	0.2470874000367	J	1.0	Yes	S3VEM
m,p-Xylene	Target	4.0	U	ug/kg	0.3109245490752	J	1.0	Yes	S3VEM
Styrene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Bromoform	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.0	U	ug/kg	4.016590769167	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:05:00
% Moisture :	9.136			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	362.6965419588	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS007	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:05:00
% Moisture :	9.136			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
Heptachlor	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
Aldrin	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	18.68436731303	U	10.0	Yes	S3VEM
Diieldrin	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	186.8436731303	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	36.26965419588	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	12	J	ug/kg	12.17568181317	J	10.0	Yes	S3VEM
gamma-Chlordane	Target	12	J	ug/kg	12.47756429061	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1868.436731303	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS008	pH:		Sample Date:	07/22/2014	Sample Time:	15:20:00	
% Moisture :	4.8599			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Chloromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Bromomethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Chloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Acetone	Target	9.1	U	ug/kg	9.139839220174	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.6	U	ug/kg	0.2043231290865	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
2-Butanone	Target	9.1	U	ug/kg	9.139839220174	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Chloroform	Target	4.6	U	ug/kg	1.066773718308	J	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Benzene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	91	R	ug/kg	91.39839220174	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.1	U	ug/kg	9.139839220174	U	1.0	Yes	S3VEM
Toluene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.6	U	ug/kg	0.1357964167254	JB	1.0	Yes	S3VEM
2-Hexanone	Target	9.1	U	ug/kg	9.139839220174	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
o-Xylene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Styrene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Bromoform	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.6	U	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.6	R	ug/kg	4.569919610087	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:20:00
% Moisture :	4.8599			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Dieldrin	Target	35	U	ug/kg	9.594174799103	JP	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	4.573066827862	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	34.66258145293	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	34.66258145293	U	10.0	Yes	S3VEM
4,4'-DDD	Target	65	J	ug/kg	65.18215726558	P	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	34.66258145293	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	31.78353108158	JP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	133.6693230114	JP	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.66258145293	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	34.66258145293	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	4.68473616894	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.85648135454	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1785.648135454	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:20:00	
% Moisture :	4.8599			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Phenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2-Methylphenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Acetophenone	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Methylphenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Hexachloroethane	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Nitrobenzene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Isophorone	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Naphthalene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Caprolactam	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Acenaphthylene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
Acenaphthene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
Dibenzofuran	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Diethylphthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Fluorene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Atrazine	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	110000	U	ug/kg	105108.151032	U	10.0	Yes	S3VEM
Phenanthrene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Anthracene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Carbazole	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Fluoranthene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Pyrene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Chrysene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Bis(2-	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	53000	U	ug/kg	52554.075516	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	33000	JNB	ug/kg	33097.50567847	JNB	10.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:20:00
% Moisture :	4.8599			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	346.6258145293	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR4RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS008	pH:		Sample Date:	07/22/2014	Sample Time:	15:20:00	
% Moisture :	4.8599			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Chloromethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Bromomethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Chloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	0.2475259926752	J	1.0	No	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Acetone	Target	9.9	U	ug/kg	9.934607848016	U	1.0	No	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	3.145057937565	JB	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
2-Butanone	Target	9.9	U	ug/kg	9.934607848016	U	1.0	No	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Chloroform	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Cyclohexane	Target	0.71	J	ug/kg	0.7055849610396	J	1.0	No	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Benzene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,4-Dioxane	Target	99	R	ug/kg	99.34607848016	U	1.0	No	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	9.9	U	ug/kg	9.934607848016	U	1.0	No	S3VEM
Toluene	Target	5.0	U	ug/kg	0.3428094183518	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	0.1144191810784	JB	1.0	No	S3VEM
2-Hexanone	Target	9.9	U	ug/kg	9.934607848016	U	1.0	No	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
o-Xylene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Styrene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
Bromoform	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	R	ug/kg	4.967303924008	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:25:00
% Moisture :	9.2224			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
Heptachlor	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
Aldrin	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
Diieldrin	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	1.875147080382	JP	10.0	Yes	S3VEM
Endrin	Target	1.7	J	ug/kg	1.685609039307	JP	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	2.167184065498	JP	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	187.0215065756	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	36.30417480584	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	18.70215065756	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	2.4	J	ug/kg	2.405175302266	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1870.215065756	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BASR5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:25:00	
% Moisture :	9.2224			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Phenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2-Methylphenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Acetophenone	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Methylphenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Hexachloroethane	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Nitrobenzene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Isophorone	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Naphthalene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Caprolactam	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Acenaphthylene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
Acenaphthene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
Dibenzofuran	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Diethylphthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Fluorene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Atrazine	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	110000	U	ug/kg	106950.8101567	U	10.0	Yes	S3VEM
Phenanthrene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Anthracene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Carbazole	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Fluoranthene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Pyrene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Chrysene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Bis(2-	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	53000	U	ug/kg	53475.40507833	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BASR5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS008	pH:		Sample Date:	07/22/2014	Sample Time:	15:25:00	
% Moisture :	9.2224			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Chloromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Bromomethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Chloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Acetone	Target	8.3	U	ug/kg	8.682849087544		1.0	Yes	S3VEM
Carbon disulfide	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.2	U	ug/kg	0.14697227028	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
2-Butanone	Target	8.3	U	ug/kg	8.320191424574	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Chloroform	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Benzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	83	R	ug/kg	83.20191424574	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.3	U	ug/kg	8.320191424574	U	1.0	Yes	S3VEM
Toluene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.3	U	ug/kg	8.320191424574	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.13	J	ug/kg	0.1303617981207	J	1.0	Yes	S3VEM
o-Xylene	Target	0.17	J	ug/kg	0.1734821174639	J	1.0	Yes	S3VEM
m,p-Xylene	Target	4.2	U	ug/kg	0.2175729658994	J	1.0	Yes	S3VEM
Styrene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Bromoform	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.2	U	ug/kg	4.160095712287	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BASR5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS008	pH:	8.2	Sample Date:	07/22/2014	Sample Time:	15:25:00
% Moisture :	9.2224			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	363.0417480584	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BBNM2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS045	pH:	5.4	Sample Date:	07/25/2014	Sample Time:	12:24:00
% Moisture :	5.7468			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1221	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1232	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1242	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1248	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1254	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1260	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1262	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM
Aroclor-1268	Target	35	U	ug/kg	34.60831024114	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BBNM2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS045	pH:		Sample Date:	07/25/2014	Sample Time:	12:24:00	
% Moisture :	5.7468			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Chloromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Bromomethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Chloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	6.946263991507	J	1.0	Yes	S3VEM
Carbon disulfide	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.4	U	ug/kg	0.815851999977	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	10.8483837952	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Chloroform	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Benzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	110	R	ug/kg	108.483837952	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	11	U	ug/kg	10.8483837952	U	1.0	Yes	S3VEM
Toluene	Target	5.4	U	ug/kg	0.1559920411551	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	1.1	J	ug/kg	1.078735683943	J	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	10.8483837952	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
o-Xylene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Styrene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Bromoform	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.4	U	ug/kg	5.424191897599	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BBNM2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS045	pH:	5.4	Sample Date:	07/25/2014	Sample Time:	12:24:00
% Moisture :	5.7468			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	U	ug/kg	0.1508702927649	JP	1.0	Yes	S3VEM
delta-BHC	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Dieldrin	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
Endrin	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.5	U	ug/kg	0.2673750718201	JP	1.0	Yes	S3VEM
4,4'-DDT	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
Methoxychlor	Target	18	U	ug/kg	17.82852345756	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.5	U	ug/kg	3.460831024114	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	U	ug/kg	1.782852345756	U	1.0	Yes	S3VEM
Toxaphene	Target	180	U	ug/kg	178.2852345756	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BBNM2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS045	pH:	5.4	Sample Date:	07/25/2014	Sample Time:	12:24:00	
% Moisture :	5.7468			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Phenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Acetophenone	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Isophorone	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Naphthalene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Caprolactam	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
Acenaphthene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Fluorene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Atrazine	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10300.69839971	U	1.0	Yes	S3VEM
Phenanthrene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Anthracene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Carbazole	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Fluoranthene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Pyrene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Chrysene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Bis(2-	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	18000	JN	ug/kg	18007.47492841	JN	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5200	U	ug/kg	5150.349199856	U	1.0	Yes	S3VEM
Tetradecanamide	TIC	2100	JN	ug/kg	2144.60540682	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	31000	JNB	ug/kg	31181.86216767	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BBNM3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS046	pH:		Sample Date:	07/25/2014	Sample Time:	12:15:00	
% Moisture :	40.715			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Chloromethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Vinyl chloride	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Bromomethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Chloroethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,1-Dichloroethene	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Acetone	Target	21	U	ug/kg	24.27758940725		1.0	No	S3VEM
Carbon disulfide	Target	10	U	ug/kg	1.13549155341	J	1.0	No	S3VEM
Methyl acetate	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Methylene chloride	Target	10	U	ug/kg	1.553913415543	JB	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
2-Butanone	Target	15	J	ug/kg	14.62663155822	J	1.0	No	S3VEM
Bromochloromethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
Chloroform	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Cyclohexane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Carbon tetrachloride	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Benzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	10	U	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,4-Dioxane	Target	210	R	ug/kg	207.7299643411	U	1.0	No	S3VEM
Trichloroethene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Methylcyclohexane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2-Dichloropropane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	21	R	ug/kg	20.77299643411	U	1.0	No	S3VEM
Toluene	Target	10	J	ug/kg	10.36258724435	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Tetrachloroethene	Target	0.25	J	ug/kg	0.2487343857531	J	1.0	No	S3VEM
2-Hexanone	Target	21	R	ug/kg	20.77299643411	U	1.0	No	S3VEM
Dibromochloromethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Chlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Ethylbenzene	Target	15	J+	ug/kg	14.6396775292		1.0	No	S3VEM
o-Xylene	Target	0.92	J	ug/kg	0.9202769988595	J	1.0	No	S3VEM
m,p-Xylene	Target	10	UJ	ug/kg	2.834360713591	J	1.0	No	S3VEM
Styrene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Bromoform	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
Isopropylbenzene	Target	0.32	J	ug/kg	0.3227950327308	J	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	10	R	ug/kg	10.38649821705	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BBNM3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS046	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	12:15:00
% Moisture :	40.715			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1221	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1232	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1242	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1248	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1254	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1260	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1262	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM
Aroclor-1268	Target	550	U	ug/kg	549.6707167034	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	BBNM3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS046	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	12:15:00
% Moisture :	40.715			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
beta-BHC	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
delta-BHC	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
Heptachlor	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
Aldrin	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
Endosulfan I	Target	28	U	ug/kg	28.31637025442	U	10.0	Yes	S3VEM
Dieldrin	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
4,4'-DDE	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
Endrin	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
Endosulfan II	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
4,4'-DDD	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
4,4'-DDT	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
Methoxychlor	Target	280	U	ug/kg	5.161472588907	JP	10.0	Yes	S3VEM
Endrin ketone	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	55	U	ug/kg	54.96707167034	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	28	U	ug/kg	6.80191836667	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	28	U	ug/kg	7.449398941356	JP	10.0	Yes	S3VEM
Toxaphene	Target	2800	U	ug/kg	2831.637025442	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	BBNM3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS046	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	12:15:00	
% Moisture :	40.715			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Phenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2-Methylphenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Acetophenone	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Methylphenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Hexachloroethane	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Nitrobenzene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Isophorone	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Naphthalene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Caprolactam	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Acenaphthylene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
Acenaphthene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
Dibenzofuran	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Diethylphthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Fluorene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Atrazine	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	34000	U	ug/kg	33735.34620899	U	2.0	Yes	S3VEM
Phenanthrene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Anthracene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Carbazole	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Fluoranthene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Pyrene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Chrysene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Bis(2-	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				77583.87450451	JNB	2.0	Yes	
2,3,4,6-Tetrachlorophenol	Target	17000	U	ug/kg	16867.6731045	U	2.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	40000	JNB	ug/kg	40147.7608164	JNB	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	BBNM3RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS046	pH:		Sample Date:	07/25/2014	Sample Time:	12:15:00	
% Moisture :	40.715			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Chloromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Vinyl chloride	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Bromomethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Chloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Acetone	Target	22	U	ug/kg	22.59240678569		1.0	Yes	S3VEM
Carbon disulfide	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Methyl acetate	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Methylene chloride	Target	11	U	ug/kg	0.9278146338818	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
2-Butanone	Target	15	J	ug/kg	15.1037325962	J	1.0	Yes	S3VEM
Bromochloromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Chloroform	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Cyclohexane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Benzene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	220	R	ug/kg	215.148891639	U	1.0	Yes	S3VEM
Trichloroethene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	22	U	ug/kg	21.5148891639	U	1.0	Yes	S3VEM
Toluene	Target	11	U	ug/kg	3.090476253979	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
2-Hexanone	Target	22	U	ug/kg	21.5148891639	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Chlorobenzene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.0	J	ug/kg	3.975863895925	J	1.0	Yes	S3VEM
o-Xylene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
m,p-Xylene	Target	11	U	ug/kg	0.6534261743149	J	1.0	Yes	S3VEM
Styrene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Bromoform	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	11	U	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	11	R	ug/kg	10.75744458195	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	PBLKS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401339	pH:		Sample Date:	08/05/2014	Sample Time:	05:55:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	PBLKS2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	402209	pH:		Sample Date:	08/05/2014	Sample Time:	19:50:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	PLCSS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401340	pH:		Sample Date:	08/05/2014	Sample Time:	06:29:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	1.1	J	ug/kg	1.063167023173	J	1.0	Yes	S3VEM
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Spike	1.4	J	ug/kg	1.408890092393	JP	1.0	Yes	S3VEM
Endrin	Spike	2.0	J	ug/kg	1.972575999961	J	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Spike	1.2	J	ug/kg	1.150645458035	J	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
4,4'-DDE	Spike	2.2	J	ug/kg	2.225219552076	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Spike	2.0	J	ug/kg	1.952377349037	J	1.0	Yes	S3VEM
gamma-Chlordane	Spike	1.2	J	ug/kg	1.197023064815	J	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc
Sample Number:	PLCSS2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	402210	pH:		Sample Date:	08/05/2014	Sample Time:	20:24:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	1.1	J	ug/kg	1.128207541322	J	1.0	Yes	S3VEM
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Spike	1.7	J	ug/kg	1.655408362696	JP	1.0	Yes	S3VEM
Endrin	Spike	2.7	J	ug/kg	2.704720939338	J	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Spike	1.2	J	ug/kg	1.219562343509	J	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
4,4'-DDE	Spike	2.5	J	ug/kg	2.530092152124	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Spike	1.9	J	ug/kg	1.931001578814	J	1.0	Yes	S3VEM
gamma-Chlordane	Spike	1.2	J	ug/kg	1.212076656037	J	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	SBLK62	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401642	pH:		Sample Date:	08/03/2014	Sample Time:	12:18:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Phenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acetophenone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Isophorone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Naphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Caprolactam	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Acenaphthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluorene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Atrazine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Phenanthrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Carbazole	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Chrysene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	18000	JN	ug/kg	18380	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				12157.3	JN	1.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	VBLKM1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402105	pH:		Sample Date:	08/01/2014	Sample Time:	17:10:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Vinyl chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromomethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Acetone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Carbon disulfide	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl acetate	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylene chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Butanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Bromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Cyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Benzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	5000	R	ug/kg	5000	U	1.0	Yes	S3VEM
Trichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Toluene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Hexanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chlorobenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Ethylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
o-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
m,p-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Styrene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromoform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	15	J	ug/kg	14.63326797117	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	19	J	ug/kg	18.91330588079	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	18	J	ug/kg	17.74517224768	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	27	J	ug/kg	27.0404078205	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	45	J	ug/kg	44.66492792623	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	VBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402102	pH:		Sample Date:	07/28/2014	Sample Time:	14:24:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.53	J	ug/kg	0.5256090283569	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	0.12	J	ug/kg	0.1179865908803	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.33	J	ug/kg	0.3302992198322	J	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.22	J	ug/kg	0.2247128602378	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.28	J	ug/kg	0.2770799052631	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.27	J	ug/kg	0.2728914486006	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.44	J	ug/kg	0.4432840494048	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.67	J	ug/kg	0.6729421505529	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	VBLKS2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402103	pH:		Sample Date:	07/29/2014	Sample Time:	14:26:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.23	J	ug/kg	0.2293351451045	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.27	J	ug/kg	0.267511071813 3	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.33	J	ug/kg	0.329353700087 6	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.29	J	ug/kg	0.293495546815 7	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.48	J	ug/kg	0.482560406044	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.74	J	ug/kg	0.737160428995	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAC	
Sample Number:	VHBLKM1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402106	pH:		Sample Date:	08/01/2014	Sample Time:	23:19:00	
% Moisture :	0.0			% Solids :				

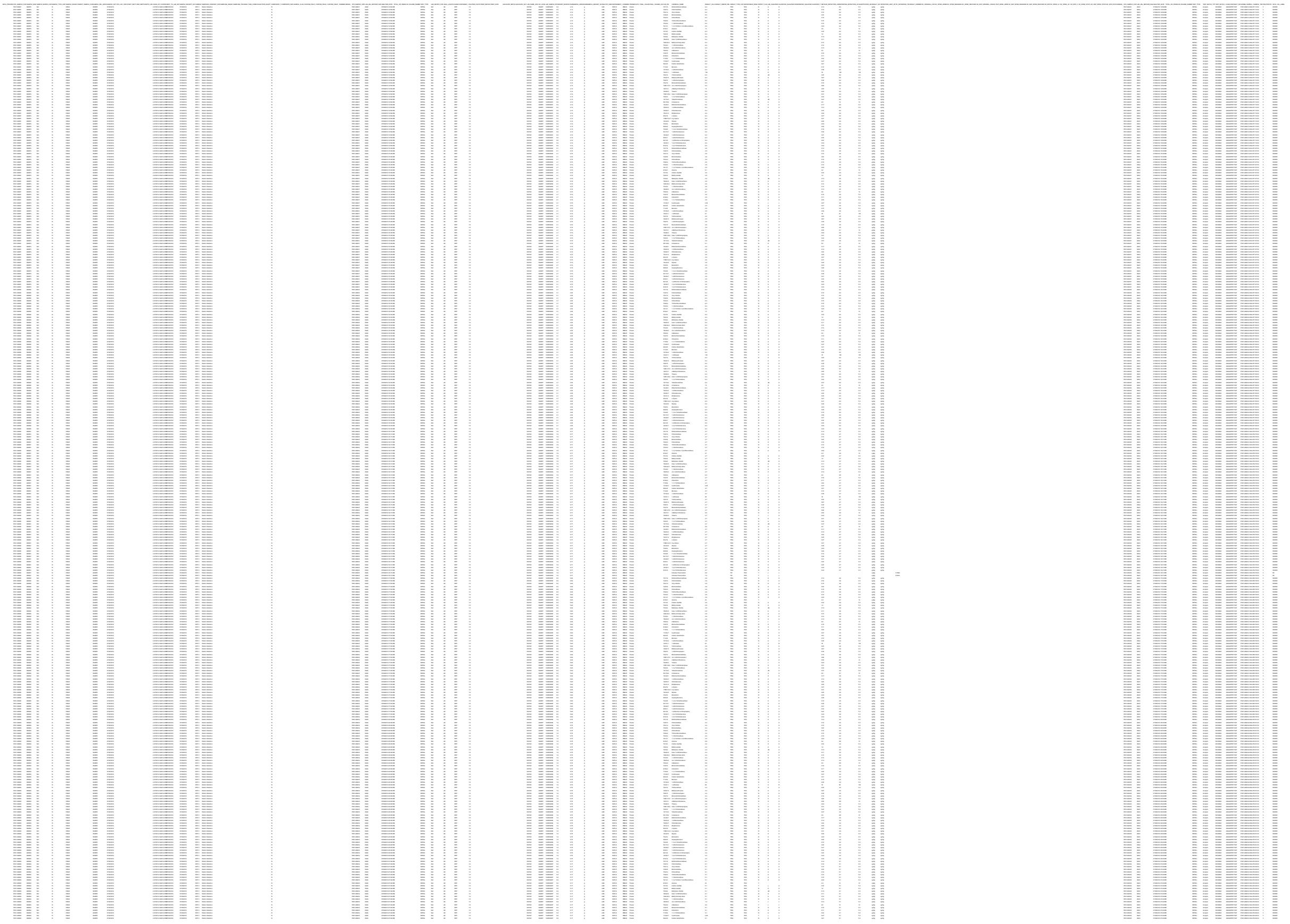
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Vinyl chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromomethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Acetone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Carbon disulfide	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl acetate	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylene chloride	Target	30	J	ug/kg	29.99971744628	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Butanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Bromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Cyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Benzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	5000	R	ug/kg	5000	U	1.0	Yes	S3VEM
Trichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM

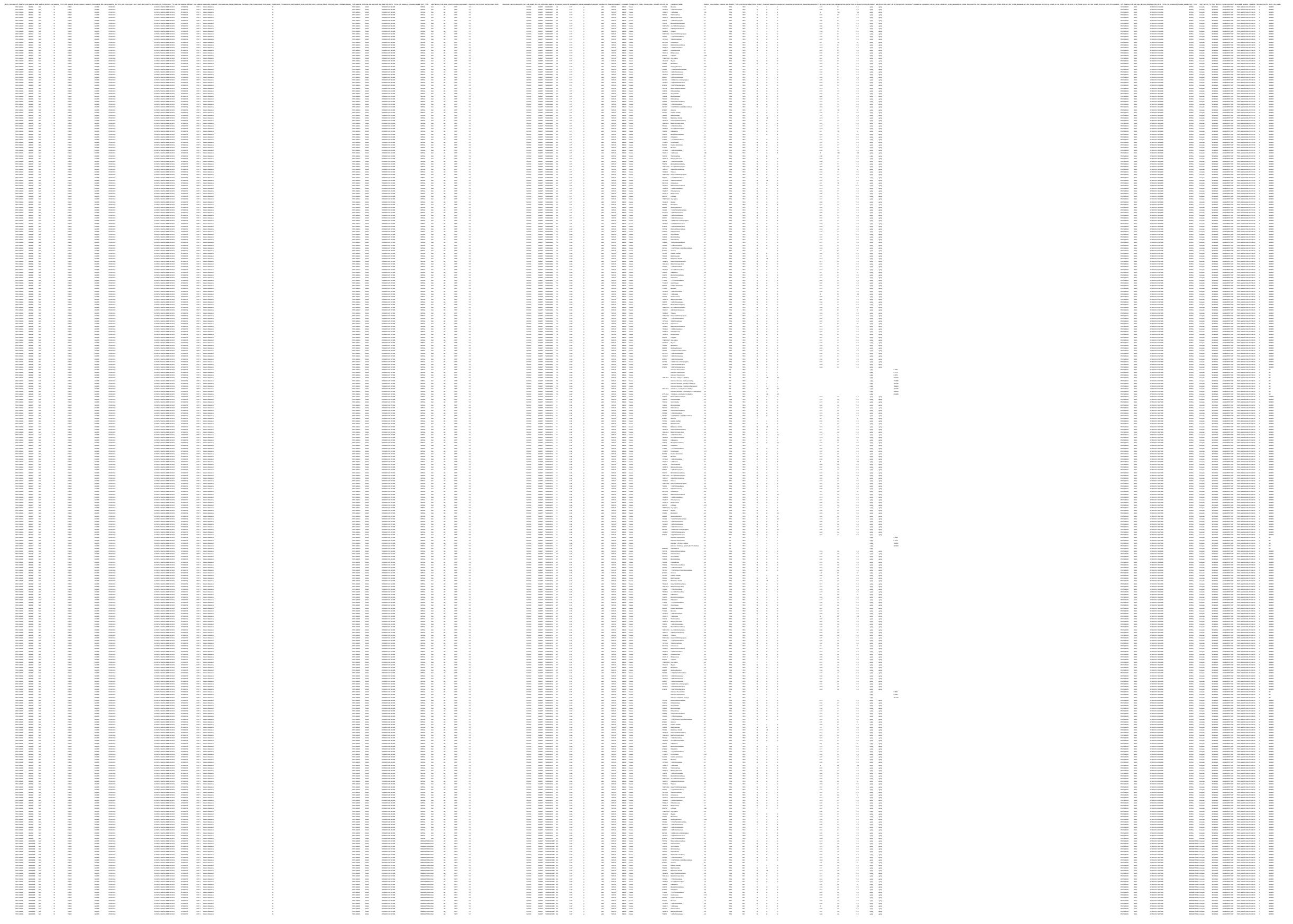
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Toluene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Hexanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chlorobenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Ethylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
o-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
m,p-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Styrene	Target	11	J	ug/kg	11.42314681066	J	1.0	Yes	S3VEM
Bromoform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	13	J	ug/kg	13.00233839789	JB	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	17	J	ug/kg	16.87856053919	JB	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	16	J	ug/kg	15.922839472	JB	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	22	J	ug/kg	21.52834612582	JB	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	39	J	ug/kg	39.2080433276	JB	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASP8	Lab Code:	DATAc	
Sample Number:	VHBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402104	pH:		Sample Date:	07/29/2014	Sample Time:	17:58:00	
% Moisture :	0.0			% Solids :				

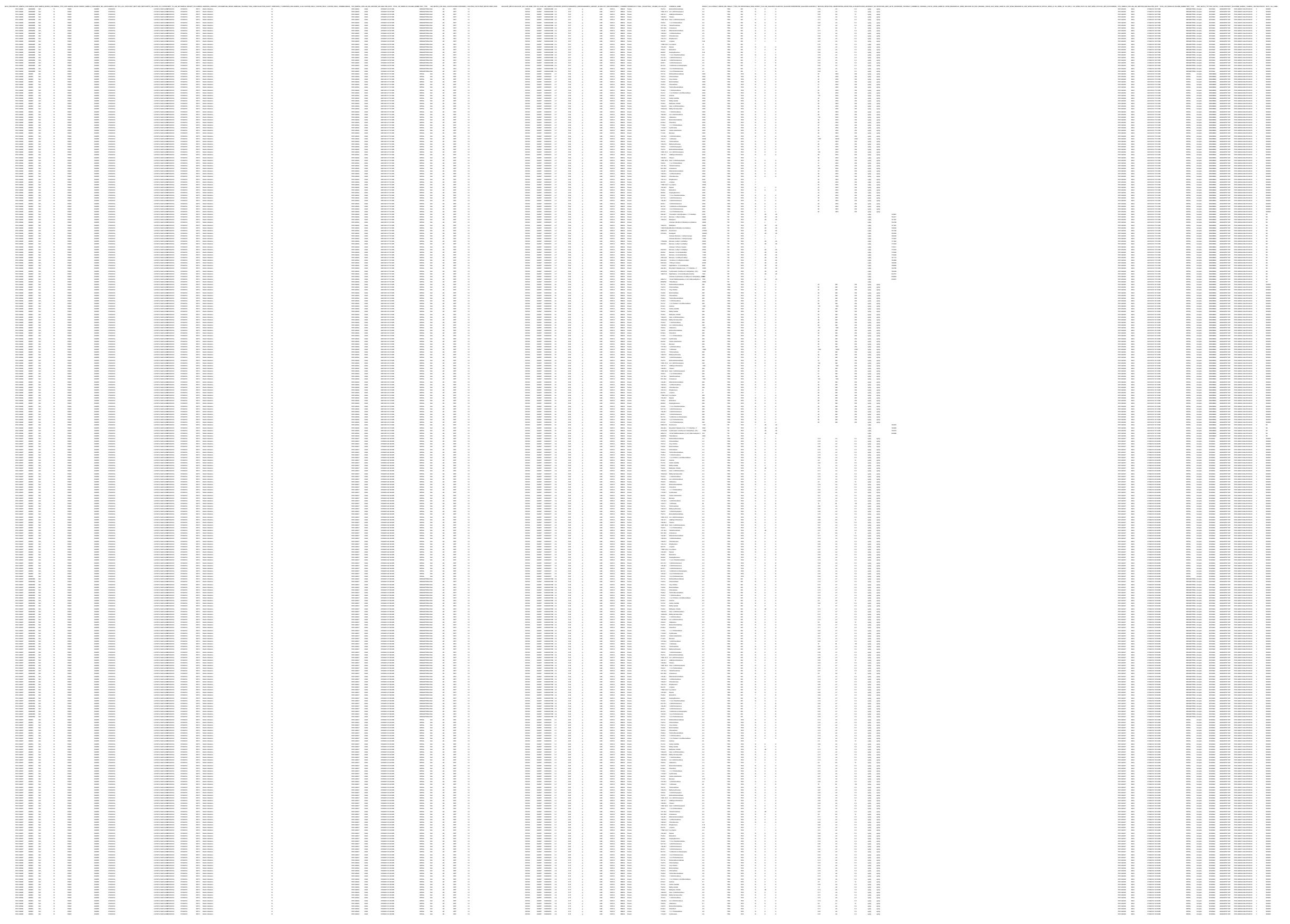
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	0.33	J	ug/kg	0.3312371868283	J	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.51	J	ug/kg	0.5058200037761	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

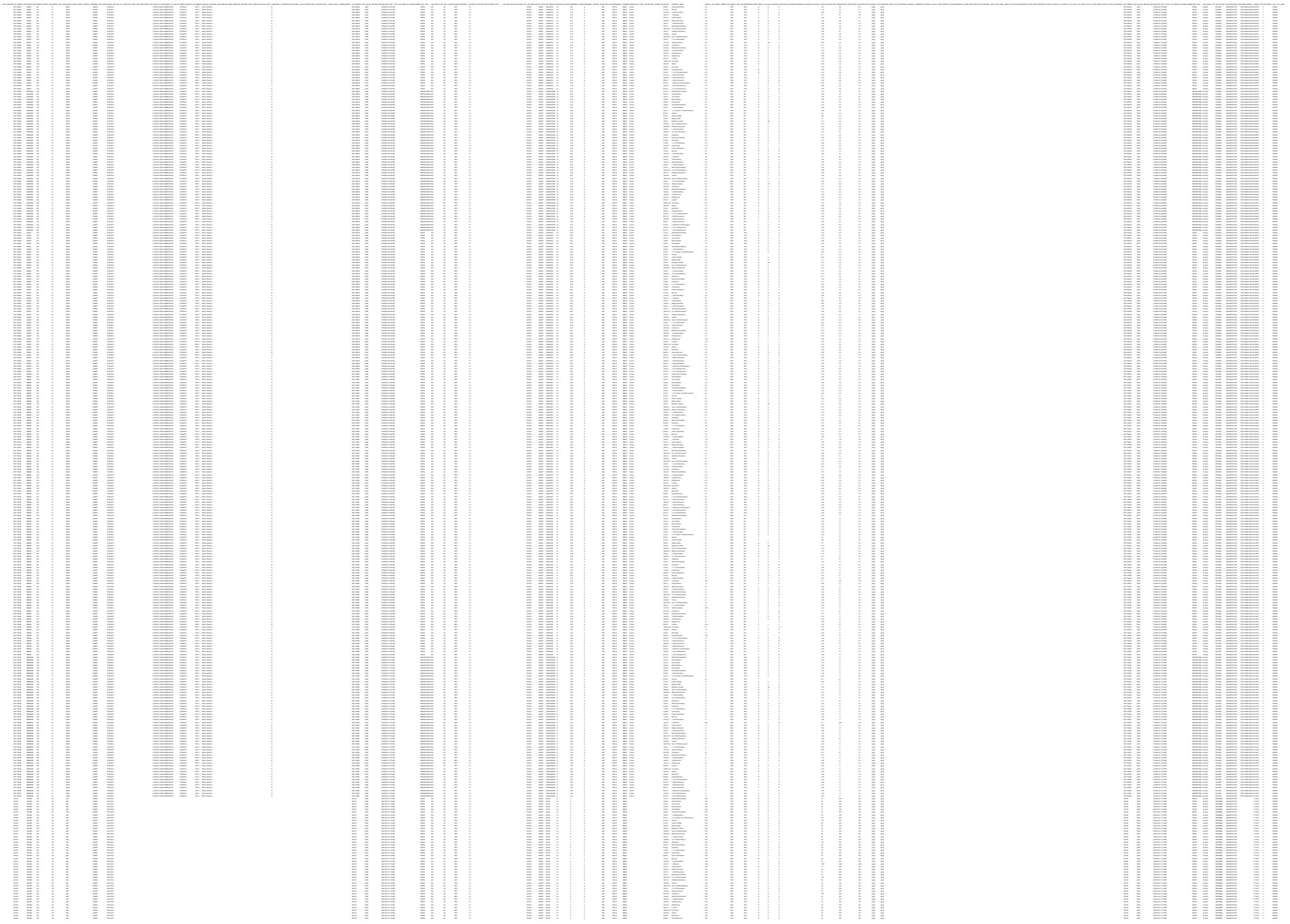
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

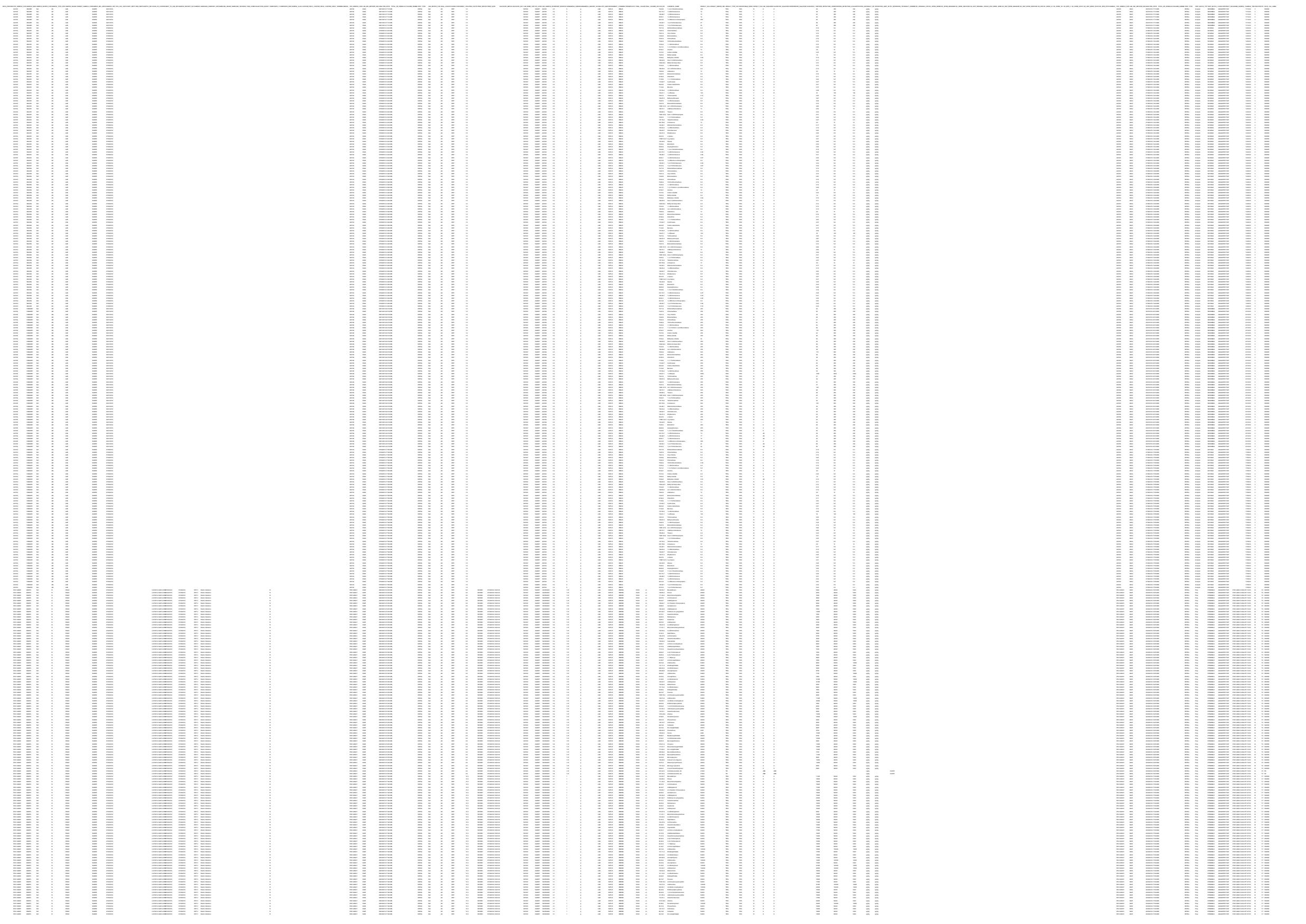


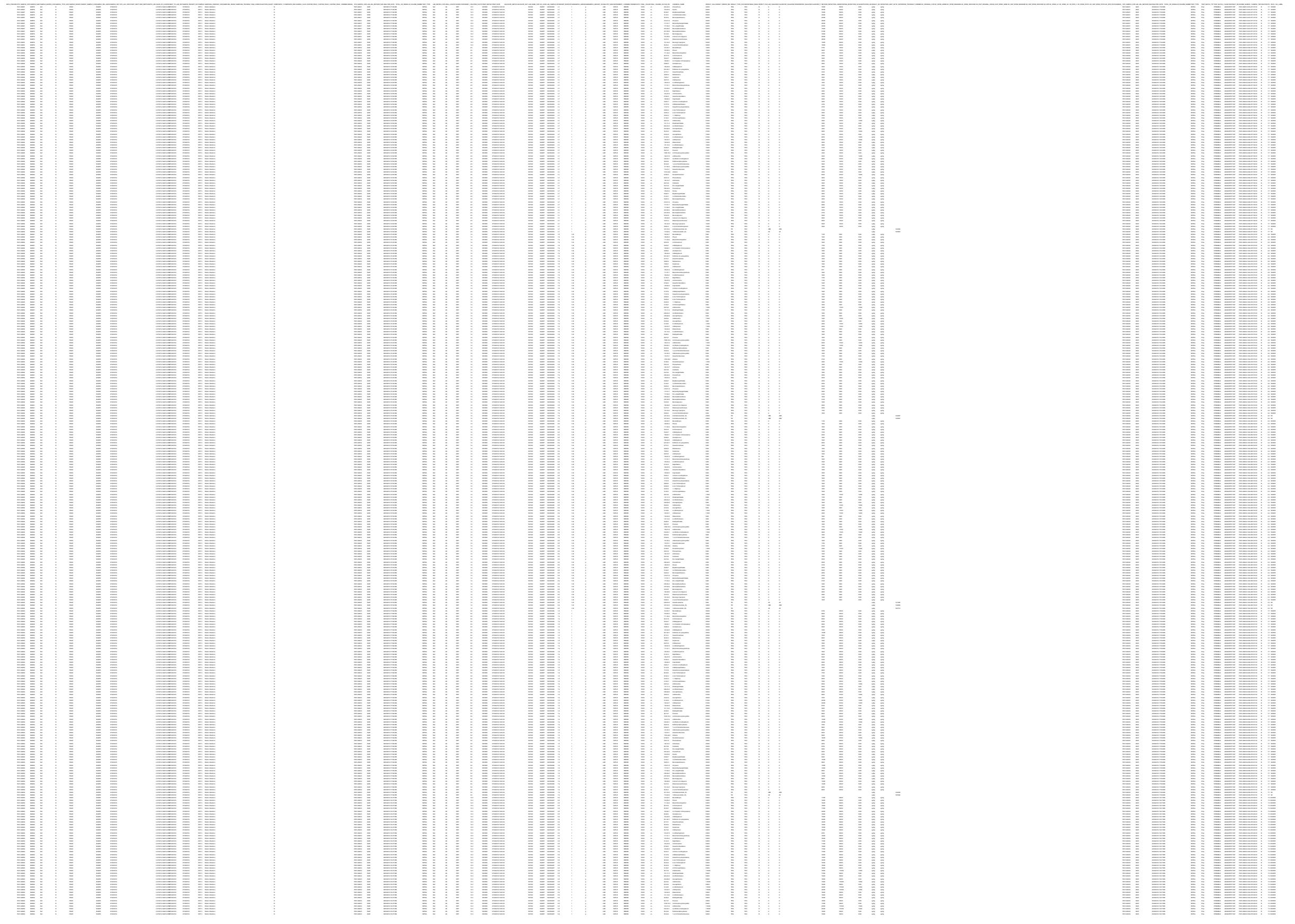


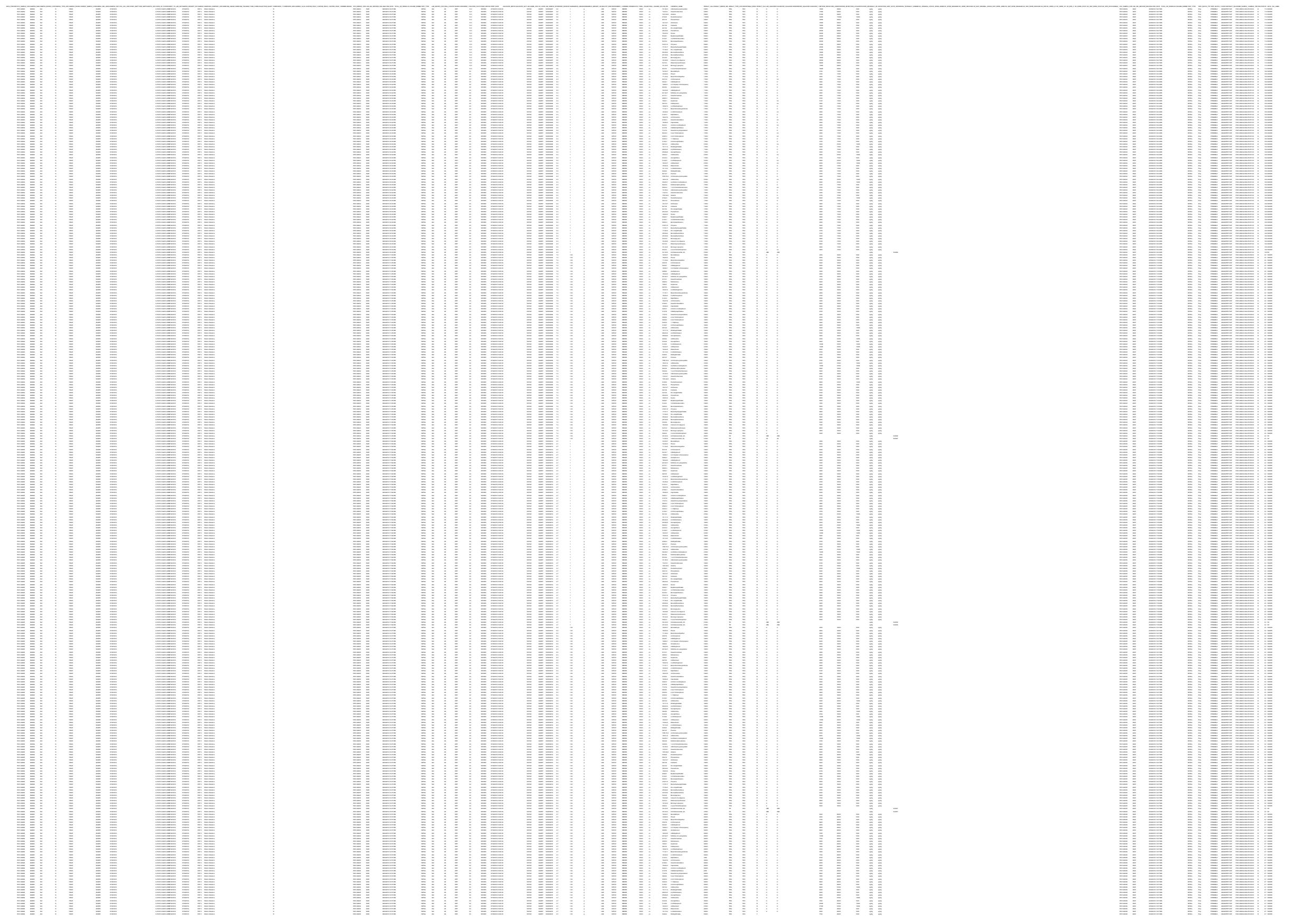
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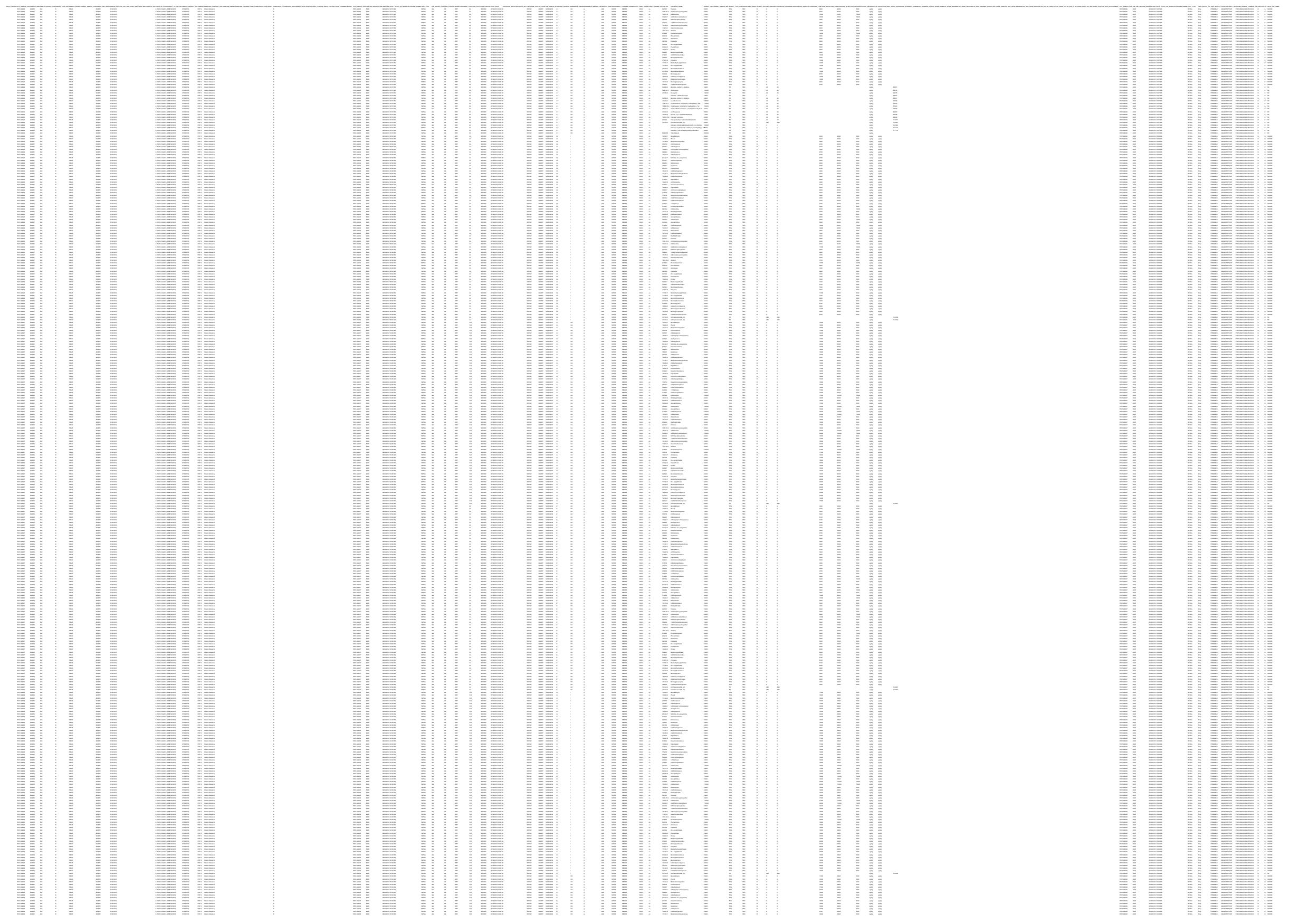




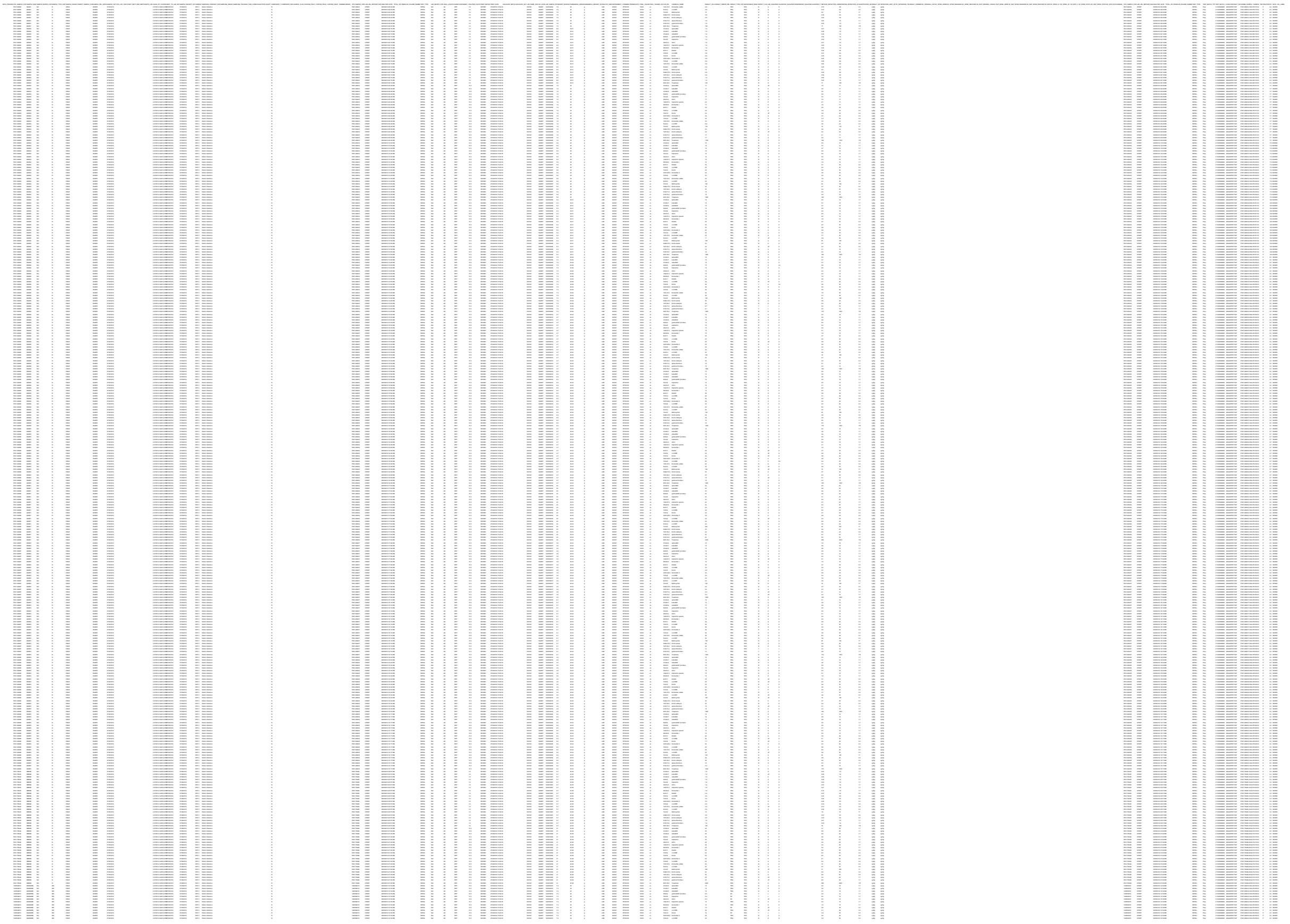


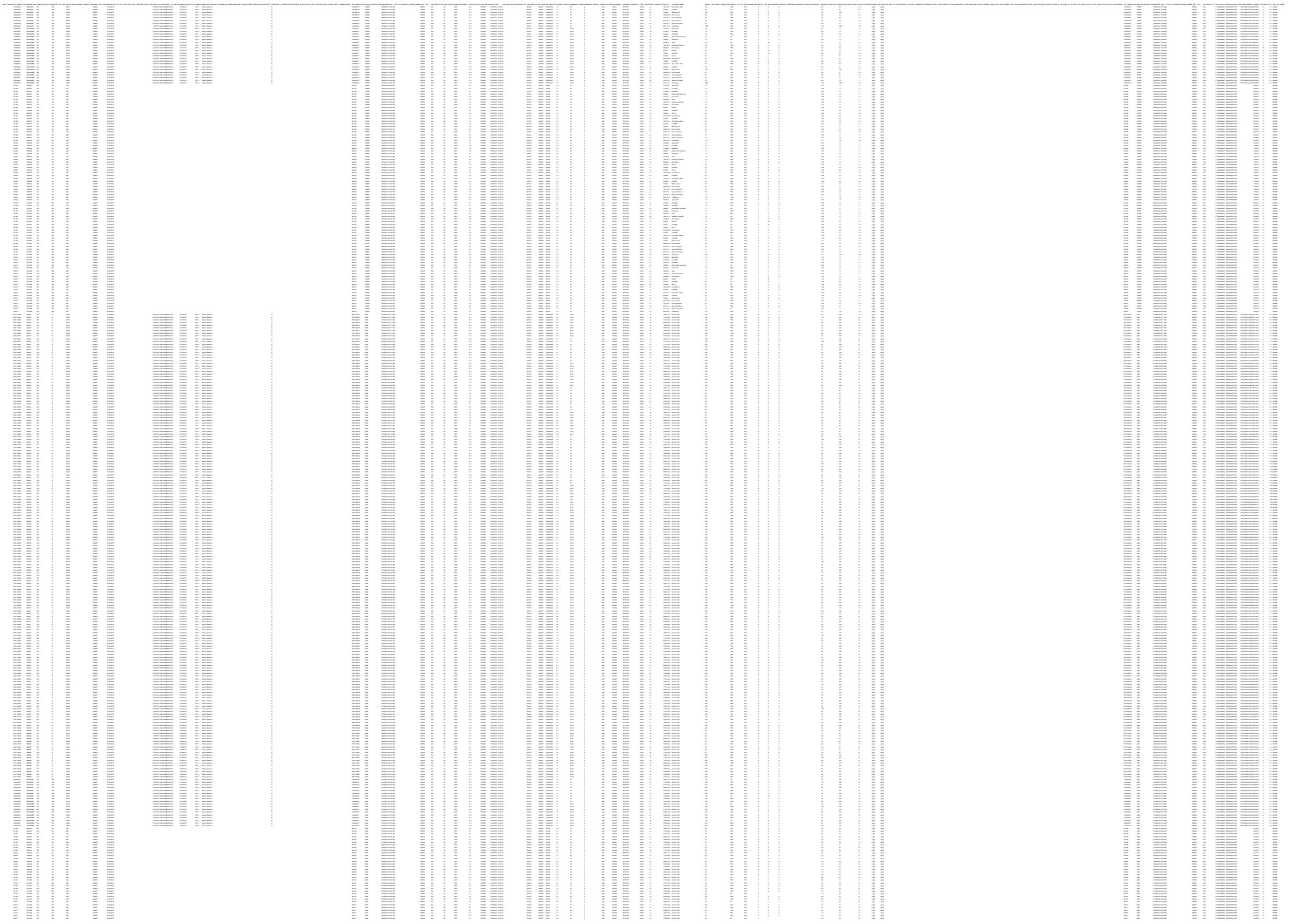












1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019



Result Rejected, Qualified R

Result equal to or over action level but Not Detected, Qualified U

Detected result over the action level

CAS No.	Fraction.		Create report without Action Levels Action Level	Sample ID:	BASP8	BASR0
				Sampling Location:	P001-GS001-0006-01 7/22/2014 ug/kg	P001-GS006-0006-01 7/22/2014 ug/kg
129-00-0	Pyrene			Units:	Results	Qualifier
206-44-0	Fluoranthene				2400	J
84-66-2	Diethylphthalate				2200	J
84-74-2	Di-n-butylphthalate					
91-20-3	Naphthalene				52000	
91-57-6	2-Methylnaphthalene				2500	J
					3400	J
					6300	J

Result Rejected, Qualified R
Result equal to or over action level but Not Detected, Qualified U
Detected result over the action level

█ Result Rejected, Qualified R
█ Result equal to or over action level but Not Detected, Qualified U
█ Detected result over the action level

CAS No.	Fraction:	Create report without Action Levels		Sample ID: P001-GS004-1224-01MS	BASQ6MS		BASQ6MSD P001-GS004-1224-01MSD	BASR2			
		Action Level	Units:		Sampling Location: 7/22/2014	ug/kg		Sampling Date: 7/22/2014	ug/kg	Results	Qualifier
11096-82-5	Aroclor-1260				190	J		180	J		
12674-11-2	Aroclor-1016				170	J		170	J		

Result Rejected, Qualified: R
Result equal to or over action level but Not Detected, Qualified: U
Detected result over the action level

Result Rejected, Qualified: R
 Result equal to or over action level but Not Detected, Qualified: U
 Detected result over the action level

CAS No.	Fraction	Sample ID:		BASP8		BASP9		BASQ0		BASQ1		BASQ2		BASQ3		BASQ4		BASQ5		BASQ6		BASQ7		BASQ8		BASQ9		BASR0		BASR1		BASR2		BASR3		BASR4		BASR5		BBNM2		BBNM3	
		Sampling Location:	P001-GS001-0006-01	7/22/2014	Sampling Location:	P001-GS002-1224-01	7/22/2014	Sampling Location:	P001-GS002-0006-01	7/22/2014	Sampling Location:	P001-GS003-1224-01	7/22/2014	Sampling Location:	P001-GS004-0006-01	7/22/2014	Sampling Location:	P001-GS005-1224-01	7/22/2014	Sampling Location:	P001-GS006-0006-01	7/22/2014	Sampling Location:	P001-GS007-1224-01	7/22/2014	Sampling Location:	P001-GS008-0006-01	7/22/2014	Sampling Location:	P001-GS009-1224-01	7/22/2014	Sampling Location:	P001-TS045-1224-01	7/25/2014	Sampling Location:	P001-TS046-0006-01	7/25/2014						
Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier						
100-01-6	4-Nitroaniline	U		53000	U	100000	U	21000	U	11000	U	51000	U	21000	U	31000	U	40000	U	100000	U	32000	U	110000	U	100000	U	32000	U	110000	U	10000	U	34000	U	1000	U						
100-02-7	4-Nitroanisole	U		53000	U	100000	U	21000	U	11000	U	51000	U	21000	U	31000	U	40000	U	100000	U	32000	U	110000	U	10000	U	34000	U	1000	U	34000	U	1000	U								
100-03-8	Bromodibutyl	U		53000	U	10000	U	5300	U	25000	U	1000	U	6000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U	17000	U						
101-55-3	4-Bromophenylphether	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
105-60-2	Caprolactam	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
105-67-9	2,4-Dimethylphenol	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
106-47-8	4-Chloroaniline	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
106-60-1	2,2'-Oxybis(1-chloropropane)	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
108-95-2	Phenol	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
111-91-1	Bis(2-chlorohydroxy)ether	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
117-81-7	Bis(2-ethylhexyl)phthalate	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
117-84-0	D <i>n</i> -octylphthalate	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
118-01-0	Phthalic anhydride	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
120-12-7	Anthracene	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
120-83-2	2,4-Dichlorophenol	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
121-14-2	2,4-Dinitrotoluene	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	16000	U	26000	U	30000	U	16000	U	53000	U	16000	U	53000	U	16000	U	53000	U	17000	U						
121-14-3	2,4-Dinitrophenol	U		26000	U	52000	U	10000	U	5300	U	25000	U	1000	U	16000	U	1																									

Result Rejected, Qualified R
Result equal to or over action level but Not Detected, Qualified U

CAS No.	Sample ID: Sampling Location: Date:	BAS8P		BAS8P		BAS8Q		BAS8Q1		BAS8Q2		BAS8Q3		BAS8Q4		BAS8Q5		BAS8Q6		BAS8Q7		BAS8Q8		BAS8Q9		BAS8R		BAS8R1		BAS8R2		BAS8R3		BAS8R4		BAS8R5		BBNM3RE	
		Create report without Action Levels		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results		Results							
		Action Level	Units	Result	Qualifier																																		
100-42-3	Ethylbenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	3.7	J	7.1	U	4.1	U	4.2	U	6000	J	62	U	4.4	U	0.16	J	4.6	U	0.13	J	5.4	U				
100-43-4	Propene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
100-41-5	Is-1,3-Dichloropropene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
10061-02-6	trans-1,3-Dichloropropene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
10064-46-7	1,3-Dibromobenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1007-66-2	1,2-Dibromoethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1008-10-1	2-Dichloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1008-87-2	Methyl cyclohexane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1008-97-7	Chlorobenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1108-27-7	Cyclohexane	6.4	U	0.52	J	6.3	U	0.35	J	4.9	U	4.4	U	0.84	J	7.1	U	4.1	U	0.77	J	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1208-82-1	1,2-Difluorobenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1208-83-2	1,4-Difluorobenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1244-81-1	Dibromochloromethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1271-84-8	Tetrachloroethene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	0.14	J	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U				
1366-92-2	cis-1,2-Dichloroethene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
1404-04-4	Methyl tert-butyl ether	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
17960-23-1	m-P-xylene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	30000	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
5417-31-1	1,3-Dibromobenzene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
5417-34-1	1,3-Dibromotrichloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
8091-78-6	2-Hexanone	13	U	9.1	U	13	U	9.5	U	9.7	U	8.8	U	10	U	14	U	8.1	U	8.5	U	8.2	U	5000	U	1300	U	8.9	U	9.1	U	8.3	U	11	U				
67-64-1	Acetone	13	U	9.1	U	13	U	27	U	22	U	8.8	U	30	U	14	U	8.1	U	8.8	U	28	U	5000	U	1300	U	8.9	U	9.1	U	8.3	U	11	U				
67-66-3	Chloroform	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
7155-6	1,1,1-Trichloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
74-83-9	Bromomethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
74-87-3	Chloromethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
74-90-2	Chloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
75-50-3	Chloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
75-01-4	Vinyl chloride	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
75-09-2	Methylene chloride	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
75-25-2	Bromoform	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
75-27-4	Bromodichloromethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-34-3	1,1-Dichloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-35-4	1,1-Dichloroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-36-5	Trichloroethene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-39-4	Trichloroethene	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-71-8	Dichlorodifluoromethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-71-9	1,1,1-Trifluoroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-87-1	1,1-Difluoro-1,2-difluoroethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
78-93-3	2-Butanone	13	U	9.1	U	13	U	8.2	J	8.7	U	8.8	U	8.4	J	14	U	4.9	U	6.6	J	7.5	U	5000	U	1300	U	8.9	U	7.3	J	9.1	U	8.3	U	11	U		
79-00-0	1,1,2-Tribromoethane	6.4	U	4.5	U	6.3	U	4.7	U	4.9	U	4.4	U	5.1	U	7.1	U	4.1	U	4.2	U	2500	U	660	U	4.4	U	4.6	U	4.2	U	5.4	U						
79-20-6	Trichloroethane	6.4	U	4.5	U	6.3																																	

Result Rejected, Qualified R
Result equal to or over action level but Not Detected, Qualified U
Detected result over the action level

Result Rejected, Qualified R
Result equal to or over action level but Not Detected, Qualified U
Detected result over the action level